

Datasheet for ABIN7561392  
**PES1 Protein (AA 1-584) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 1 mg                                        |
| Target:                       | PES1                                        |
| Protein Characteristics:      | AA 1-584                                    |
| Origin:                       | Mouse                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This PES1 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)       |

## Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Purpose:  | Custom-made recombinat Pes1 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence: | <p>MGGLEKKKYE RGSATNYITR NKARKKLQLS LPDFRRRLCIL KGIYPHEPKH KKKVNVKGSTA<br/> ARTFYLIKDI KLLHEPIVN KFREYKVFVR KLRKAYGKSE WNAVERLKDN KPCYKLDHIV<br/> KERYPTFIDA LRDLDDALSM CFLFSTFPRT GKCHVQTIQL CRRLTVEFLH YVITARALRK<br/> VFLSIKGIYY QAEVLGQPIV WIAPYAFSHD HPTDVDYRVM ATFTEFYTTL LGFVNFRLYQ<br/> SLNLHYPPKL EGQAQAEKI SEDTYALDSE SSMEKLAALS ASLARVVPA IEEAEAEDEF<br/> TDGEVTAQEE DRKKELEAQE KHKKLFEGLK FFLNREVPRE ALAFIIRSFG GDVSWDKSLC<br/> IGATYDVTDS CITHQIVDRP GQQTPIIGRY YVQPQWVFC VNARLLLPA EYFPGMQLPP<br/> HLSPFVSEKE GDYIPPEKLK LLALQRGEP GHLEEEEEED EDDNEGDVA AENEEEDVEV<br/> ESEEEEEEEV HLSALEQHRL EEKKPQVMAG TVKLEDKQRL AQEESEAKR LAIMMMKKRE<br/> KYLYQKIMFG KRRKIREANK LAEKRAHDD AVRSEKKAKR TRPV <b>Sequence without tag. The<br/> proposed Purification-Tag is based on experiences with the expression system, a different</b></p> |

## Product Details

**complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p> |
| Purity:          | > 90 % as determined by Bis-Tris Page, Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Grade:           | custom-made                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Target Details

|                   |                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PES1                                                                                                                                                                                                                                                                       |
| Alternative Name: | Pes1 ( <a href="#">PES1 Products</a> )                                                                                                                                                                                                                                     |
| Background:       | <p>Pescadillo homolog,FUNCTION: Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.</p> <p>{ECO:0000255 HAMAP-Rule:MF_03028, ECO:0000269 PubMed:15225545, ECO:0000269 PubMed:17308336}.</p> |
| Molecular Weight: | 67.8 kDa                                                                                                                                                                                                                                                                   |
| UniProt:          | <a href="#">Q9EQ61</a>                                                                                                                                                                                                                                                     |

## Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Application Details

|               |                       |
|---------------|-----------------------|
|               | guarantee though.     |
| Restrictions: | For Research Use only |

Handling

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|------------------|------------------------------------------------------------------|
| Format:          | Liquid                                                           |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |