

Datasheet for ABIN7550707  
**PES1 Protein (AA 1-588) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PES1
Protein Characteristics:	AA 1-588
Origin:	Human
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

Purpose:	Custom-made recombinat PES1 Protein expressed in mammalian cells.
Sequence:	<p>MGGLEKKKYE RGSATNYITR NKARKKLQLS LADFRRLCIL KGIYPHEPKH KKKVNVKGSTA  ARTFYLIKDI RFLLEPIVN KFREYKVFVR KLRKAYGKSE WNTVERLKDN KPNYKLDHII  KERYPTFIDA LRDLDDALSM CFLFSTFPRT GKCHVQTIQL CRRLTVEFMH YIIAARALRK  VFLSIKGIYY QAEVLGQPIV WITPYAFSHD HPTDVDYRVM ATFTEFYTTL LGFVNFRLYQ  LLNLHYPPKL EGQAQAEAKA GEGTYALDSE SCMEKLAALS ASLARVVVPA TEEAEVDEF  PTDGEMSAQE EDRRKELEAQ EKHKKLFEG L KFFLNREVPR EALAFIIRSF GGEVSWDKSL  CIGATYDVT D SRITHQIVDR PGQQT SVIGR CYVQPQWVFD SVNARLLLPV AEYFSGVQLP  PHLSPFVTEK EGDYVPPEKL KLLALQRGED PGNLNESEEE EEEDDNNEGD GDEEGENEEE  EEDAEAGSEK EEEARLAAL EQRMEGKKPR VMAGTLKLED KQRLAQEEES EAKRLAIMMM  KKREKYLYQK IMFGKRRKIR EANKLAEK RK AHDEAVRSEK KAKKARPE <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a</b></p>

**different 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 (PES1 Products)
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:16738141, ECO:0000269 PubMed:17189298, ECO:0000269 PubMed:17353269}.</p>
Molecular Weight:	68.0 kDa
UniProt:	<a href="#">O00541</a>

Application Details

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
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Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

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