

Datasheet for ABIN7551164  
**RABL2A Protein (AA 1-228) (His tag)**



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## Overview

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Quantity:                     | 1 mg                                          |
| Target:                       | RABL2A                                        |
| Protein Characteristics:      | AA 1-228                                      |
| Origin:                       | Human                                         |
| Source:                       | HEK-293 Cells                                 |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This RABL2A protein is labelled with His tag. |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Custom-made recombinant RABL2A Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence:        | <p>MAEDKTKPSE LDQGKYDADD NVKIICLGDS AVGKSKLMER FLMDGFQPQQ LSTYALTLYK<br/> HTATVDGKTI LVDFWDTAGQ ERFQSMHASY YHKAHACIMV FDIQRKVITYR NLSTWYTELR<br/> EFRPEIPCIV VANKIDDINV TQKSFNFAKK FSLPLYFVSA ADGTNVVKLF NDAIRLAVSY<br/> KQNSQDFMDE IFQELENFSL EQEEEDVPDQ EQSSSIETPS EEVASPHS <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p> |
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.                                                                                                                                                                                                                                                                                                                                                                                     |
| 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> </ul>                                                                                                                                                                                                                                                                                                                                                                             |

## Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

|         |                                                                                               |
|---------|-----------------------------------------------------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made                                                                                   |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RABL2A                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | RABL2A ( <a href="#">RABL2A Products</a> )                                                                                                                                                                                                                                                                                                             |
| Background:       | Rab-like protein 2A,FUNCTION: Plays an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. Binds, in a GTP-regulated manner, to a specific set of effector proteins including key proteins involved in cilia development and function and delivers them into the growing sperm tail. {ECO:0000250 UniProtKB:E9Q9D5}. |
| Molecular Weight: | 26.1 kDa                                                                                                                                                                                                                                                                                                                                               |
| UniProt:          | <a href="#">Q9UBK7</a>                                                                                                                                                                                                                                                                                                                                 |

## Application Details

|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a 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                                                        |