

Datasheet for ABIN7558162
RPH3AL Protein (AA 1-302) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RPH3AL
Protein Characteristics:	AA 1-302
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPH3AL protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rph3al Protein expressed in mammalien cells.
Sequence:	<p>MADTIFSSGN DQWVCPNDRQ LALRAKLQTG WSVHTYQTEK QRRSQCLSPG ELEIILQVIQ RAERLDILEQ QRIGRLVERL ETMQRNVMGN GLSQCLLCGE VLGFLGSSSV FCKDCRKKVC TKCGIEASPG QKRPLWLCKI CSEQREVWKR SGAWFYKGLP KYILPLKTPG RADDPHFRPL PVEPTETQPP SAETSRVYTW ARGRVSSDS DSDSDLSSSS LEDRPLPSGV KGTKGDKPRG DSGASMESPR LGPARPPSHL SGSQSSLGSE AGTGATEPQG GTPAQPEPRV PGKRHTWATP RY</p> <p>Sequence without tag. 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.</p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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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, Western Blot
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Grade:	custom-made
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Target Details

Target:	RPH3AL
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Alternative Name:	Rph3al (RPH3AL Products)
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Background:	Rab effector Noc2 (No C2 domains protein) (Rabphilin-3A-like protein),FUNCTION: Rab GTPase effector involved in the late steps of regulated exocytosis, both in endocrine and exocrine cells. Regulates the exocytosis of dense-core vesicles in neuroendocrine cells through interaction with RAB27A. Acts as a potential RAB3B effector protein in epithelial cells. {ECO:0000269 PubMed:14722103, ECO:0000269 PubMed:15159548}.
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Molecular Weight:	33.3 kDa
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UniProt:	Q768S4
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Pathways:	Carbohydrate Homeostasis , Regulation of G-Protein Coupled Receptor Protein Signaling
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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 guarantee though.
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Application Details

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