

Datasheet for ABIN7564282  
**RHBDF2 Protein (AA 1-827) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RHBDF2
Protein Characteristics:	AA 1-827
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHBDF2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rhbdf2 Protein expressed in mammalian cells.
Sequence:	MASADKNGSN LPSVSGSRLQ SRKPPNLSIT IPPPESQAPG EQDSMLPERR KNPAYLKSVS LQEPGRWQE GAEKRPGFRR QASLSQSIRK STAQWFGVSG DWEGKRQNWV RRSLHHCSVH YGRKASCQR ELELPSQEVV SFQGTESPKP CKMPKIVDPL ARGRAFRHPD EVDRPHAAHP PLTPGVLSLT SFTSVRSGYS HLP RRKRISV AHMSFQAAAA LLKGRSVLDA TGQRCRHVKR SFAYPSFLEE DAVDGADTFD SSFFSKEEMS SMPDDVFESP PLSASYFRGV PHSASPVSPD GVHIPLKEYS GGRALGPGTQ RGKRIASKVK HFAFDRKKRH YLGLVGVNWL NRSYRRSISS TVQRQLESFD SHRPYFTYWL TFWHIIITLL VICTYGIAPV GFAQHVTTQL VLKNRQVYES VKYIQQENFW IGPSSIDLIH LGAKFSPCIR KDQQIEQLVR RERDIERTSG CCVQNDRSGC IQTLKKDCSE TLATFVKWQN DTGPSDKSDL SQKQPSAVVC HQDPRTCEEP ASSGAHIWPD DITKWPICTE QAQSNHTGLL HIDCKIKGRP CCIGTKGSCE ITTREYCEFM HGYFHEDATL CSQVHCLDKV CGLLPFLNPE VPDQFYRIWL SLFLHAGIVH CLVSVVFQMT ILRDLEKLAG WHRISIIFIL SGITGNLASE IFLPYRAEVG PAGESQFGLLA CLFVELFQSW QLLERPWKAF

## Product Details

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FNLSAIVLFL FICGLLPWID NIAHIFGFLS GMLLAFAFLP YITFGTSDKY RKRALILVSL LVFAGLFASL  
VLWLYIYPIN WPWIEYLTCF PFTSRFCEKY ELDQVLH **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.**

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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.

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Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- 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.

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

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Grade: custom-made

## Target Details

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Target: RHBDF2

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Alternative Name: Rhbdf2 ([RHBDF2 Products](#))

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Background: Inactive rhomboid protein 2 (iRhom2) (Rhomboid family member 2) (Rhomboid veinlet-like protein 6) (Rhomboid-related protein),FUNCTION: Regulates ADAM17 protease, a sheddase of the epidermal growth factor (EGF) receptor ligands and TNF, thereby plays a role in sleep, cell survival, proliferation, migration and inflammation. Does not exhibit any protease activity on its own. {ECO:0000269|PubMed:21439629}.

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## Target Details

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Molecular Weight: 93.4 kDa

UniProt: [Q80WQ6](#)

Pathways: [Growth Factor Binding](#)

## Application Details

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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

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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