

Datasheet for ABIN7555173  
**RHBDF1 Protein (AA 1-855) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	RHBDF1
Protein Characteristics:	AA 1-855
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHBDF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat RHBDF1 Protein expressed in mammalian cells.
Sequence:	MSEARRDSTS SLQRKKPPWL KLDIPSAVPL TAEEPSFLQP LRRQAFLRSV SMPAETAHIS SPHHELRRPV LQRQTSITQT IRRGTADWFG VSKDSDSTQK WQRKSIRHCS QRYGKCLKPQV LRELDLPSQD NVSLTSTETP PPLYVGPCQL GMQKIIDPLA RGRAFRVADD TAEGLSAPHT PVTPGAASLC SFSSSRSGFH RLPRRRKRES VAKMSFRAAA ALMKGRSVRD GTFRRAQRSS FTPASFLEED TDFPDELDT SFFAREGILH EELSTYPDEV FESPSEAALK DWEKAPEQAD LTGGALDRSE LERSHMLPL ERGWRKQKEG AAAPQPKVRL RQEVVSTAGP RRGQRIAVPV RKLFAREKRP YGLGMVGRLT NRTYRKRIDS FVKRQIEDMD DHRPFFTYWL TFVHSLVTIL AVCIYGIAPV GFSQHETVDS VLRNRGVYEN VKYVQQENFW IGPSSALIH LGAKFSPCMR QDPQVHSFIR SAREREKHS A CCVRNDRSGC VQTSEEECSS TLAVVWKWPI HPSAPELAGH KRQFGSVCHQ DPRVCDEPSS EDPHEWPEDI TKWPICTKNS AGNHTNHPHM DCVITGRPCC IGTKGRCEIT SREYCDFMRG YFHEEATLCS QVHCMDDVCG LLPFLNPEVP DQFYRLWLSL

## Product Details

---

FLHAGILHCL VSICFQMTVL RDLEKLAGWH RIAIYLLSG VTGNLASAIF LPYRAEVGPA  
GSQFGILACL FVELFQSWQI LARPWRAFFK LLAVVLFLLFT FGLLPWIDNF AHISGFISGL  
FLSFAFLPYI SFGKFDLYRK RCQIIIFQVV FLGLLAGLVV LFYVYPVRCE WCEFLTCIPF  
TDKFCEKYEL DAQLH **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.**

---

### 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.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

---

## Target Details

---

### Target:

RHBDF1

---

### Alternative Name:

RHBDF1 ([RHBDF1 Products](#))

---

### Background:

Inactive rhomboid protein 1 (iRhom1) (Epidermal growth factor receptor-related protein) (Rhomboid 5 homolog 1) (Rhomboid family member 1) (p100hRho),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:15965977, ECO:0000269|PubMed:18524845, ECO:0000269|PubMed:18832597, ECO:0000269|PubMed:21439629}.

## Target Details

---

Molecular Weight:	97.4 kDa
UniProt:	<a href="#">Q96CC6</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Growth Factor Binding</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 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