

Datasheet for ABIN7555174
RHBDF2 Protein (AA 1-856) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | RHBDF2 |
| Protein Characteristics: | AA 1-856 |
| Origin: | Human |
| 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: | MASADKNGGS VSSVSSRLQ SRKPPNLSIT IPPPEKETQA PGEQDSMLPE GFQNRRLKKS QPRTWAAHTT ACPPSFLPKR KNPAYLKSVS LQEPRSRWQE SSEKRPGFRR QASLSQSIRK GAAQWFGVSG DWEGQRQQWQ RRSLLHHCSMR YGRLKASCQR DLELPSQEAP SFQGTESPKP CKMPKIVDPL ARGRAFRHPE EMDRPHAPHP PLTPGVLSLT SFTSVRSGYS HLP RRKRMSV AHMSLQAAAA LLKGRSVLDA TGQRCRVVKR SFAFPSFLEE DVVDGADTFD SSFFSKEEMS SMPDDVFESP PLSASYFRGI PHSASPVSPD GVQIPLKEYG RAPVPGPRRG KRIASKVKHF AFDRKKRHYG LGVVG NWLN R SYRRSISSTV QRQLESFDSH RPYFTYWLTF VHVIITLLVI CTYGIAPVGF AQHVTTQLVL RNKG VYESVK YIQQENFWVG PSSIDLIHLG AKFSPCIRKD GQIEQLVLR RDLERDSGCC VQNDHSGCIQ TQRKDCSETL ATFVKWQDDT GPPMDKSDLG QKRTSGAVCH QDPRTCEEPA SSGAHIWPDD ITKWPICTEQ ARSNHTGFLH MDCEIKGRPC CIGTKGSCEI TTREYCEFMMH GYFH EATLC SQVHCLDKVC GLLPFLNPEV PDQFYRLWLS LFLHAGVWHC LVSVVFQMTI LRDLEKLAGW HRIAIFILS GITGNLASAI FLPYRAEVGP |

Product Details

AGSQFGLLAC LFVELFQSWP LLERPWKAFI NLSAIVLFLF ICGLLPWIDN IAHIFGFLSG
LLLAFAFLPY ITFGTSDKYR KRALILVSLI AFAGLFAALV LWLYIYPINW PWIEHLTCFP
FTSRFCEKYE LDQVLH **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.**

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: 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: RHBDF2

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

Background: Inactive rhomboid protein 2 (iRhom2) (Rhomboid 5 homolog 2) (Rhomboid family member 2) (Rhomboid veinlet-like protein 5) (Rhomboid veinlet-like protein 6),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:0000250|UniProtKB:Q80WQ6}.

Target Details

Molecular Weight: 96.7 kDa

UniProt: [Q6PJF5](#)

Pathways: [Growth Factor Binding](#)

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