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Datasheet for ABIN7558680
RUFY1 Protein (AA 1-712) (His tag)

Overview

Quantity:	1 mg
Target:	RUFY1
Protein Characteristics:	AA 1-712
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUFY1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rufy1 Protein expressed in mammalien cells.
Sequence:	MAARGECRRA GQDSEPEPER EPESEPGPEP EPQAGLESGE AFEIVDRSQL PSPGELRSAS RPRVADSWSA PILTLARRAT GNLSASCGSA LRAAAGLGDG GGGGERAASK GQMMEERANL MHMMKLSIKV LLQSALSLGR SLDADYAPLQ QFFVVMHCL KHGLKVKKSF IGQNKSFSGP LELVEKLCPE ASDIATSVRN LPELKTAVGR GRAWLYLALM QKKLADYLVK LIDNKQLLSE FYEPEALMME EEGMVIVGLL VGLNVLDANL CLKGEDLDSQ VGVIDFSLCL KDAQDLDSGR EHERITDVLD QKNYVEELNR HLSCTVGDQL TKIDGLEKTN SKLQEELSAA TDRICSLQKE QQQLREQNEV IRERSEKSVE ITKQDTKVEL ETYKQTRQGL DEMYSDVWKQ LKEEKKVRLE LEKELELQIG MKTEMEIAMK LLEKDTHEKQ DTLVALRQQL EEVKAINLQM FHKVQSAESS LQQKNEAIAS FEGKTTQVMS SMKQMEERLQ QAERARQAAE ERSKHLQQL SGRGSALQLQ LSQLRDQCSG LEKELKSEKE QRQALQRELQ REKDTSCLLQ TELQQVEGLK KELRELQDEK AELRKVCEEQ EQALQEMGLH LSQSKLMED IKEVKNKALKG HTWLKDDDEAT HCKQCEKDFS

Product Details

ISRRKHHCRN CGHIFCNTCS SNEALALPSYP KPVRVCDSCS TLLLQRCSSST AS **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:

RUFY1

Alternative Name:

Rufy1 ([RUFY1 Products](#))

Background:

RUN and FYVE domain-containing protein 1 (Rab4-interacting protein),FUNCTION: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking. {ECO:0000269|PubMed:11172003, ECO:0000269|PubMed:16522682}.

Molecular Weight:

80.4 kDa

UniProt:

[Q8BIJ7](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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