

Datasheet for ABIN7564653
MYRIP Protein (AA 1-856) (His tag)



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Overview

Quantity:	1 mg
Target:	MYRIP
Protein Characteristics:	AA 1-856
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYRIP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Myrip Protein expressed in mammalien cells.
Sequence:	<p>MGRKLDLSGL TDDTEHVLQ VVQRDFNLRK KEEDRLSEMK QRLAEENSKC SILSKHQKFV ERCCMRCCSP FTFLVNARRR CGECKFSVCK SCCSYQKHEK LWVCCVCQQA RLLRTQSLEW FYNNVKSFRK RFGSAKVLKN LYRKHRLESG ACFDILGGGL FEPNLENEGS ISGSDSTFYR QSEGHSMMDT LAVALRVAEE AIEEAISKAE SHGDSLKDQN EASYLRDHKQ ELTEELAGTI LQRIIRKQKD KAELRAEEEE PEWPRSQSGS VKARGEGTTA PPGRHKARAT FRRSQSAFSF TMEDALKSGS AEAAPRSPKD RAQRLLLEEAA LPSWRSM DGL DGTNLAPLLQ SPDGNWMTLK DGSRQPPTL LTKPKSGTFQ ALEVASSVTS AYDEIGSDSE EDFDYSEALS KLCPPSQSRL KQPQPPTQA QSSGQPLAT SPSNPEAMCS DSETSSTSSS REAGCRAKLS WLQRKAPKNP AVEKMPLQGE LDVNFNPQAA GGETSDSSDP EETLRTAERR ARRWRRARVG PEESNRGLPS PGAHPRALHT AQVSDNVSET DISNETQNSR SSTDSVEEKL RNRLYELAMK MSEKETSSGE DQESKAEP KNQKGLSSE ENNQGVQEEL KKKCSAVSLC NISTEVKVI NATEELIAES</p>

Product Details

AGPWEIPPVS TDRENGMFPL GTDQVRLDKQ LTSLEENVYL AAGTVYGLEG QLSELEDAAR
CIHSSTGETE LADLEDQVAA AAAQVHHAEL QISDIESRIS ALTIAGLNIA PCVRLTRRRD
QKQRSQVQTI DTSRQRRKL PAPPVKAEKI EASSVTPIKT FNRNLLQGS STNRPTASTG
DTKDLMEPDL ESAVMY **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:

MYRIP

Alternative Name:

Myrip ([MYRIP Products](#))

Background:

Rab effector MyRIP (Exophilin-8) (Myosin-VIIa- and Rab-interacting protein) (Synaptotagmin-like protein lacking C2 domains C) (Slc2-c) (Slp homolog lacking C2 domains c),FUNCTION: Rab effector protein involved in melanosome transport. Serves as link between melanosome-bound RAB27A and the motor proteins MYO5A and MYO7A. May link RAB27A-containing vesicles to actin filaments. Functions as a protein kinase A-anchoring protein (AKAP). May act as a scaffolding protein that links PKA to components of the exocytosis machinery, thus facilitating exocytosis, including insulin release. {ECO:0000269|PubMed:17827149}.

Target Details

Molecular Weight:	94.9 kDa
UniProt:	Q8K314
Pathways:	Positive Regulation of Peptide Hormone Secretion

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