

Datasheet for ABIN7561448
MKRN2 Protein (AA 1-416) (His tag)



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Overview

Quantity:	1 mg
Target:	MKRN2
Protein Characteristics:	AA 1-416
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MKRN2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mkrn2 Protein expressed in mammalian cells.
Sequence:	MSTKQVTCRY FMHGVCREGS QCLFSHDLAN SKPSTICKYY QKGYCAYGAR CRYDHTKPPA AAGGAVGPAP NPSPSSGLHS PHPSPDIATS VMRTHSNEPG KREKTLVLR DRNLTGLAED KTPPSKVNNP GGCDPQTSP EMKPHSYLDA IRTGLDDLEA SSSYSNEPQL CPYAAAGECR FGDACVYLHG DMCEICRLQV LHPFDPEQRK AHEKMCMSTF EHEMEKAFAP QASQDKVCSI CMEVILEKAS ASERRFGILS NCSHTYCLSC IRQWCAKQF ENPIIKSCEP CRVISEFVIP SVYWVEDQNK KNELIEAFKQ GMGKKACKYF EQGKGTCPFG SKCLYRHAYP DGRLAPEPKP RKQLSSEGTV RFFNSVRLWD FIENRETRQV PSTDDVDVTE LGDLFMHLSG VESSEP 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.

Product Details

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:

MKRN2

Alternative Name:

Mkkn2 ([MKRN2 Products](#))

Background:

E3 ubiquitin-protein ligase makorin-2 (EC 2.3.2.27) (RING-type E3 ubiquitin transferase makorin-2),FUNCTION: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (PubMed:28378844). Promotes the polyubiquitination and proteasome-dependent degradation of RELA/p65, thereby suppressing RELA-mediated NF-kappa-B transactivation and negatively regulating inflammatory responses (PubMed:28378844). Plays a role in the regulation of spermiation and in male fertility (PubMed:28008940). {ECO:0000269|PubMed:28008940, ECO:0000269|PubMed:28378844}.

Molecular Weight:

46.6 kDa

UniProt:

[Q9ERV1](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
