

Datasheet for ABIN7558048
RANBP3L Protein (AA 1-491) (His tag)



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Overview

Quantity:	1 mg
Target:	RANBP3L
Protein Characteristics:	AA 1-491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RANBP3L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ranbp3l Protein expressed in mammalien cells.
Sequence:	MSTTQRKDDS HLFTSSCTRQ LQVQEDRQQQ EKYVIAQPIF VFEKGEHNFK RPAEDSLEET AEPEFTGFLR KRVRSSSVTL HTTDPQSQGV ATLSQTRLRS SSFTDVPTFP PCRPVRKNNV FMTSRLQRS DDMNNVEQGP PMRSSEQVLR PAVLQPSQTQ SCQKAGTTFG PGALKSYKTK EKAHEISEV GSSSSLLSEN LPNARSSIQL STDPCISEAP SGCQPKEDKC SFTSCSSDFV FGENMVERVL GTQKLTQPPL QNLSYAKEKT FKSVLKFPNA VSNSDSIENI SLVESAAAFS SKPSQKCLLE KIDVITGEET EHNVLKINCK IFVFNKATES WSERGQGILR LNDTAGRECG TLQSRLIMRN QGSLRLVLNS RLWAQMKIQR ASQKNLRITA TDLEDDGIKI FLIQASAKDT GFLYAAIHHR LVALRSLAKQ GDGGPAESQS DTALPQLNGE SCDEDEDEIA QVTKNGSDPS RWSHRQSIVC S 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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

RANBP3L

Alternative Name:

Ranbp3l ([RANBP3L Products](#))

Background:

Ran-binding protein 3-like,FUNCTION: Nuclear export factor for BMP-specific SMAD1/5/8 that plays a critical role in terminating BMP signaling and regulating mesenchymal stem cell differentiation by blocking osteoblast differentiation to promote myogenic differentiation. Directly recognizes dephosphorylated SMAD1/5/8 and mediates their nuclear export in a Ran-dependent manner. {ECO:0000250|UniProtKB:Q86VV4, ECO:0000269|PubMed:25755279}.

Molecular Weight:

54.5 kDa

UniProt:

[Q6PDH4](#)

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.

Application Details

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