

Datasheet for ABIN7549287
MB21D2 Protein (AA 1-491) (His tag)



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Overview

Quantity:	1 mg
Target:	MB21D2
Protein Characteristics:	AA 1-491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MB21D2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MB21D2 Protein expressed in mammalian cells.
Sequence:	<p>MKMAAPTANK AASLGCNNKP AFPELDFRSG ARVEELNKLI QEFTKHDQRE YDDQRALEIH TAKDFIFSML GMVQKLDQKL PVANEYLLLS GGVREGVVDL DLDELNVYAR GTDYDMDFTL LVPALKLHDR NQPVTLDMRH SALCHSWLSL RLFDEGTISK WKDCCTIVDH INGATNYFFS PTKVADWFYD SISIVLSEIQ KKPQRGMPKV EKVEKNGTII SIILGVGSSR MLYDIVPVVS FKGWPAVAQS WLMENHFWDG KITEEEVISG FYLV PACSYK GKKDNEWRLS FARSEVQLKK CISSSLMQAY QACKAIIKL LSRPKAISPY HLRSMMLWAC DRLPANYLAQ EDYAAHFLLG LIDDLQHCLV NKMCPNYFIP QCNMLEHLSE ETVMLHARKL SSVRSDPAEH LRTAIEHVKA ANRLTLELQR RGSTTSIPSP QSDGGDPNQP DDRLAKKLQ LVTENPGKSI SVFINPDDVT RPHFRIDDKF F 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

MB21D2

Alternative Name:

MB21D2 ([MB21D2 Products](#))

Background:

Nucleotidyltransferase MB21D2 (EC 2.7.7.-) (Mab-21 domain-containing protein 2) (hMB21D2),FUNCTION: Probable nucleotidyltransferase that catalyzes the formation of cyclic dinucleotide second messenger in response to some unknown stimulus. {ECO:0000305|PubMed:34261127}.

Molecular Weight:

55.8 kDa

UniProt:

[Q8IYB1](#)

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