

Datasheet for ABIN7554580
C19orf21 Protein (AA 1-679) (His tag)



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Overview

Quantity:	1 mg
Target:	C19orf21 (MISP)
Protein Characteristics:	AA 1-679
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C19orf21 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MISP Protein expressed in mammalian cells.
Sequence:	MDRVTRYPIL GIPQAHRGTG LVLGDGTSYT YHLVCMGPEA SGWGQDEPQT WPTDHRAQQG VQRQGVSYSV HAYTGQPSR GLHSENREDE GWQVYRLGAR DAHQGRPTWA LRPEDGEDKE MKTYRLDAGD ADPRRLCDLE RERWAVIQGQ AVRKSSTVAT LQGTPDHGDP RTPGPPRSTP LEENVVDREQ IDFLAARQQF LSLEQANKGA PHSSPARGTP AGTTPGASQA PKAFNKPHLA NGHVVIKQPQ VKGVVREENK VRAVPTWASV QVVDPPGSLA SVESPGTPKE TPIEREIRLA QEReadLREQ RGLRQATDHQ ELVEIPTRPL LTKLSLITAP RRERGRPSLY VQRDIVQETQ REEDHRREGL HVGRASTPDW VSEGPQGLR RALSSDSILS PAPDARAADP APEVRKVNRI PPDAYQPYLS PGTPQLEFSA FGAFGKPSL STAEAKAATS PKATMSPRHL SESSGKPLST KQEASKPPRG CPQANRGVVR WEYFRLRPLR FRAPDEPQQA QVPHVWGWEV AGAPALRLQK SQSSDLLERE RESVLRREQE VAEERRNALF PEVFSPTPDE NSDQNSRSSS QASGITGSYS VSESPFFSPI HLHNSVAWTV EDPVDSAPPG QRKKEQWYAG INPSDGINSE VLEAIRVTRH KNAMAERWES RIYASEEDD Sequence without tag. The proposed Purification-Tag is based

Product Details

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.

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: C19orf21 (MISP)

Alternative Name: MISP ([MISP Products](#))

Background: Mitotic interactor and substrate of PLK1 (Mitotic spindle positioning protein),FUNCTION: Plays a role in mitotic spindle orientation and mitotic progression. Regulates the distribution of dynactin at the cell cortex in a PLK1-dependent manner, thus stabilizing cortical and astral microtubule attachments required for proper mitotic spindle positioning. May link microtubules to the actin cytoskeleton and focal adhesions. May be required for directed cell migration and centrosome orientation. May also be necessary for proper stacking of the Golgi apparatus. {ECO:0000269|PubMed:23509069, ECO:0000269|PubMed:23574715}.

Molecular Weight: 75.4 kDa

Target Details

UniProt: [Q8IVT2](#)

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