

Datasheet for ABIN7549298
C8orf45 Protein (AA 1-681) (His tag)



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Overview

Quantity:	1 mg
Target:	C8orf45
Protein Characteristics:	AA 1-681
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C8orf45 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MCMDC2 Protein expressed in mammalian cells.
Sequence:	<p>MSNLKMKEAA LIYLD RSGGL QKFIDDCKYY NDSKQSYAVY RFKILINPSD VVELDAELGN HILHQPLKAA EVFQSVCFIA VKTLSLIGQL QTETQINIVL KLTHLPPLPS YGLDLCEFP DYTSQRFYMM QGIVIAMTTI TKYTQGARFL CSDEACPLSK GFQYIRVHVP GATESATIRN DFLCNLCASS LQEDRKFRVL GDKQIVEIIA TKALRAFQGY SNNQPFRFQS LTIFLRDESV NKMNIGNEYK IIGIPTCVKT SQTAVCIAN SITFCNSKVP SGISDNFRCL LSLTSSSCWK FTAILANIFA SQITPPGTYN LLLKCLLMSL VQTTDRNKEL EDCLDILIIT SDTLLIDRLL NFSINLVPRG IRHLVSTEIF PTL SRNKYGT GAVSIQAGSA LLA KGGICFI GDLASHKKDK LEQLQTVLES RSITVYIPGK KFGEDIDQM TFPVQCSFWS FVDVDSSRR NAQKINTLIG QMDCSLIPAN LVEAFGLLIN CNESSPCHPF LPTVQHTLNK AINPEGLFYA ASRQFTTEDF EKLLAFKLN NVEFSLEAER MTHGYLASR RIRTGSVCGS KLSASALKYL VFLSEAHARL NLRNKVLKED VLIAALLFET SLTLKYGATV FCVAPNAVFP FELYN E EYLE QRDLYLTQCQ QQLEQFIATY GPGTTIFSSD E Sequence without tag. The proposed Purification-Tag is based on</p>

Product Details

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: C8orf45

Alternative Name: MCMDC2 ([C8orf45 Products](#))

Background: Minichromosome maintenance domain-containing protein 2 (MCM domain-containing protein 2),FUNCTION: Plays an important role in meiotic recombination and associated DNA double-strand break repair. {ECO:0000250|UniProtKB:E9Q956}.

Molecular Weight: 76.2 kDa

UniProt: [Q4G0Z9](#)

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
