

Datasheet for ABIN7562137
C8orf45 Protein (AA 1-681) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	C8orf45
Protein Characteristics:	AA 1-681
Origin:	Mouse
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:	METLQMKEAA LVYLD RSGGL QKFIDDCKSY NDSKQSYAVY RFSILIDPCD VVELDADLGN HILHHPLKAA RVFQSVCFVA VKTLSLIGQL QTETQINIVL KLTHLPALPS YTLDLCEFP NYASQRFYMM QGIVIAMTTI TKYTQGARFL CSDGVCPLSK GFQYVRVHVP GATESATVRN DFLCSLCSST LQEDRKFRVL GDKQIVEIIT TKMFHAFQGD SKNQPFQFS LGIFLRDELV NKMKIGNEYK IIGIPVCVKT SQTALCVEAN NITPHTAKVP LGISDNFRRL LSLTSSSCWK FTAMLANVFA SQIVAPGTYN LLLKCLLMSL VQTRDCNRER EDCLDILVIT SDTLLVDRLL NFSMNLVSRG IRHPVCTEVF PTVSRNKYGT GAVSIQAGSA LLAKGGICFI GDLTSHKKDK LEQLQSALES RSVTVFIPGK KFGDDFDQQM TFPIQCSFWS FVDMSSSRN NVQKTSTLIG QMDCSLIPAN LAEAFGLLIN CSEASPCHPL LPTVQHTLKK AVEPEGLLYL ASKQFTTEDF EKLLAFKSL NMEFSLEAER MIHGYYLASR RIRTD SIHGS KLSASALKYL VSLSEAHARL SLRTTVLRED ALIAALLLEI SLTLRYGATP FCVAPNALFP FELYN E EYLE QRDLYLTQCQ QQLQQFIATC GPGTTVFSSD E 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: 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:0000269|PubMed:27760146, ECO:0000269|PubMed:27986806}.

Molecular Weight: 76.0 kDa

UniProt: [E9Q956](#)

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
