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Datasheet for ABIN7557744

DMC1 Protein (AA 1-340) (His tag)

Overview

Quantity:	1 mg
Target:	DMC1
Protein Characteristics:	AA 1-340
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dmc1 Protein expressed in mammalian cells.
Sequence:	MKEDQVVQEE SGFQDDEESL FQDIDLLQKH GINMADIKKL KSVGICTIKG IQMTTRRALC NVKGLSEAKV EKIKEAANKL IEPGLTAFQ YSERRKMFVH ITTGSQEFDK LLGGGIESMA ITEAFGEFRT GKTQLSHTLC VTAQLPGTGG YSGGKIIFID TENTFRPDRL RDIADRFNVD HEAVLDNVLY ARAYTSEHQM ELLDYVAAKF HEEAGIFKLL IIDSIMALFR VDFSGRGELA ERQQKLAQML SRLQKISEEY NVAVFVTNQM TADPGATMTF QADPKPIGG HILAHASTTR ISLRKGRGEL RIAKIYDSPE MPENATFAI TAGGIGDAKE 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.
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:

Product Details

- 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:	DMC1
Alternative Name:	Dmc1 (DMC1 Products)
Background:	Meiotic recombination protein DMC1/LIM15 homolog,FUNCTION: Participates in meiotic recombination, specifically in homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks. {ECO:0000269 PubMed:17639081}.
Molecular Weight:	37.8 kDa
UniProt:	Q61880

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