

Datasheet for ABIN7564792

MAN2C1 Protein (AA 1-1039) (His tag)



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Overview

Quantity:	1 mg
Target:	MAN2C1
Protein Characteristics:	AA 1-1039
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAN2C1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Man2c1 Protein expressed in mammalian cells.
Sequence:	<p>MAAAPFLKHW RTTTERVEKF VSPYFTDCN LRGRLFGDSC SVTLSSFLTP ERLPYEKAVQ</p> <p>QNFSPAQVGD SFGPTWWTCW FRVELVPEV WVGQEVHLCW ESDGESLVWR DGEPVQGLTK</p> <p>EGEKTSYVLS ERLRASDP RS LTLVVEVACN GLLGAGKGSM IAAPDPEKMF QLSQAKLAVF</p> <p>HRDVHSLLDV LELLGVAKG LGEDSQR SFQ ALHTANQMVN ICDPAQPETY PAAKALASKF</p> <p>FGQHGGESQH TIHAMGHCHI DTAWLWPFKE TVRKCARSW S TAVTLMEQNT DFIFACSQAQ</p> <p>QLEWVKSQYP GLHARLQEFA CRGQFVPVGG TWVEMDGNLP SGEAMVRQFL QGQNFFLQEF</p> <p>GKMCSEFWLP DTFGYSAQLP QIMQGC GIKR FLTQKLSWNL VNSFPHTFF WEGLDGSRVL</p> <p>VHFPPGDSYG MQGSVEEV LK TVTNNRDKGR TNHSGFLFGF GDGGGGPTQT MLDR LKRLSN</p> <p>TDGLPRVQLS SPGQLFTALE RDSGQLCTWV GELFLELHNG TYTTHAQLKK GNRECEQILH</p> <p>DVEVLSSLAL ARSAQFLYPA AQLQHLWRLL LLNQFHDVVT GSCIQLVAED AMNYIEDIRS</p> <p>HGNPLLSAAA AALCAGEPGP KGLLIINTLP WKRTVLALP KPCGAHSLAL VTVPSIGYAP</p>

APTPTSLQPL LPQQPVFVMQ ETDGSVTLDN GIIRVRDPT GCLTSLVLVA SGREAIAEGA
LGNQFVLFDD VPLYWDAWDV MDYHLETRKP VLGQAGTLAV GTEGGLRGSA WFLQISPNS
RLSQEVLDV GCPYVRFHTE VHWHEAHKFL KVEFPARIRS PQATYEQFG HLQRPHTNNT
SWDWARYEVW AHRWIDLSEC DFGLALLNNC KYGASVRGNV LSLSLLRAPK APDATADMGR
HEFTYALMPH KGSFQEAGVI HAAYNLNFPL LALPAPGPAP DTTWSAFSVS SPAVVLETIK
QAERCHQHRT LVLRLYEAHG SHVDCWLHTS LPVQEATLCD LLEQRDPTGH LSLQDNRLKL
TFSPFQVRSL LLVLQSPPN **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

MAN2C1

Alternative Name:

Man2c1 ([MAN2C1 Products](#))

Background:

Alpha-mannosidase 2C1 (EC 3.2.1.24) (Alpha-D-mannoside mannohydrolase) (Mannosidase alpha class 2C member 1) (Neutral/cytosolic alpha-mannosidase),FUNCTION: Cleaves alpha 1,2-, alpha 1,3-, and alpha 1,6-linked mannose residues from glycoproteins. Involved in the degradation of free oligosaccharides in the cytoplasm. {ECO:0000269|PubMed:16904268,

Target Details

	ECO:0000269 PubMed:24550399}.
Molecular Weight:	115.7 kDa
UniProt:	Q91W89

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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