

[Go to Product page](#)

Datasheet for ABIN7554514

MAN1C1 Protein (AA 1-630) (His tag)

Overview

Quantity:	1 mg
Target:	MAN1C1
Protein Characteristics:	AA 1-630
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAN1C1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant MAN1C1 Protein expressed in mammalian cells.
Sequence:	MLMRKVPGFV PASPWGLRLP QKFLFLLFLS GLVTLCFGAL FLLPHSSRLK RLFLAPRTQQ PGLEVVAEIA GHAPAREQEP PPNPAPAAPA PGEDDPSSWA SPRRRKGLR RTRPTGPREE ATAARGNSIP ASRPGDEGVP FRDFNFRS RLRHPVLGTR ADESQEPQSQ VRAQREKIKE MMQFAWQSYK RYAMGKNELR PLTKDGYEGN MFGGLSGATV IDSLDTLYLM ELKEEFQEAK AWVGESFHLN VSGEASLFEV NIRYIGLLS AFYLTGEEVF RIKAIRLGEK LLPAFNTPTG IPKGVVSFKS GNWGWATAGS SSILAEFGSL HLEFLHTEL SGNQVFAEKV RNIRKVLRLKI EKPFGLYPNF LSPVSGNWWQ HHVSVGGLGD SFYEYLIKSW LMSGKTDMEA KNMYEAELEA IETYLLNVSP GGLTYIAEWR GGILDHKMGH LACFSGGMIA LGAEDAKEEK RAHYRELAQ ITKTCHESYA RSDTKLGPEA FWFNSGREAV ATQLSESYI LRPEVVSYS YLWRQTHNPI YREWGWEVVL ALEKYCRTEA GFSGIQDVYS STPNHDNKQQ SFFLAETLKY LYLLFSEDDL LSLEDWVFNT EAHPLPVNHS DSSGRAWGRH 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:

MAN1C1

Alternative Name:

MAN1C1 ([MAN1C1 Products](#))

Background:

Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC (EC 3.2.1.113) (HMIC) (Mannosidase alpha class 1C member 1) (Processing alpha-1,2-mannosidase IC) (Alpha-1,2-mannosidase IC),FUNCTION: Involved in the maturation of Asn-linked oligosaccharides. Trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce first Man(8)GlcNAc(2) then Man(6)GlcNAc and a small amount of Man(5)GlcNAc.

Molecular Weight:

70.9 kDa

UniProt:

[Q9NR34](#)

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
