

Recombinant Human MAN1C1 Protein (AA 69-630), N-6×His/GFP tagged

Cat. No. MAN1C1-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAN1C1 Protein (AA 69-630) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 69-630
Description	Predicted to enable mannosyl-oligosaccharide 1,2-alpha-mannosidase activity. Predicted to be involved in N-glycan processing. Located in extracellular exosome.
Molecular Mass	~90 kDa
AA Sequence	IAGHAPAREQEPPPNPAPAAPAGEDDPSSWASPRRRKGGLLRRTRPTGPREEATA ARGNSIPASRPGDEGVPRFDFNAFRSRLRHPVLGTRADESQEPQSQVRAQREKIK EMMQFAWQSYKRYAMGKNELRPLTKDGYEGNMFGGLSGATVIDSLDTLYLMELKE EFQEAKAWVGESFHLNVSGEASLFEVNIRYIGGLLSAFYLTGEEVFRIKAIRLGEKLLP AFNTPTGIPKGVVSFKSGNWGWATAGSSSILAEFGSLHLEFLHTELSGNQVFAEKV RNIRKVLRKIEKPFGLYPNFLSPVSGNWWQHHVSVGGGLGDSFYEYLIKSWLMSGKTD MEAKNMYEAEIAIETYLLNVSPGGLTYIAEWRGGILDHKMGHLACFSGGMIALGAE DAKEEKRAHYRELAQAQITKTCHESYARSDTKLGPEAFWFNSGREAVATQLSESYIIL RPEVVESYMYLWRQTHNPIYREWGWEVVLAEKYCRTEAGFSGIQDVYSSTPNHD NKQQSFFLAETLKYLKLYLLFSEDDLLSLEDWVFNTEAHPLPVNHSDSSGRAWGRH

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Purity	>90%, by SDS-PAGE as visualized by Coomassie Blue Staining
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.

GENE INFORMATION

Gene Name	MAN1C1 mannosidase, alpha, class 1C, member 1 [Homo sapiens (human)]
Official Symbol	MAN1C1
Synonyms	MAN1C1; mannosidase, alpha, class 1C, member 1; mannosyl-oligosaccharide 1,2-alpha-mannosidase IC; HMIC; 1,2-alpha-mannosidase IC; processing alpha-1,2-mannosidase IC; MAN1C; MAN1A3; pp6318;
Gene ID	57134
mRNA Refseq	NM_020379
Protein Refseq	NP_065112
MIM	616772

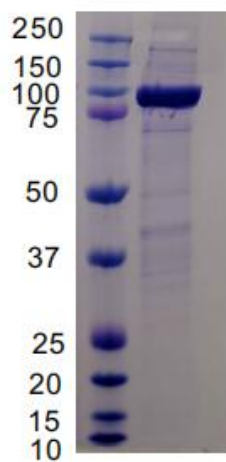
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UniProt ID

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