

Recombinant Human MAN2B1 protein, His-tagged

Cat. No. MAN2B1-2719H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAN2B1 protein(51-342 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	51-342 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GYETCPTVQPNMLNVHLLPHTHDDVGWLKTVQYFYGIKNDIQHAGVQYILDSVISA LLADPTRRFIYVEIAFFSRWWHQQTNATQEVVRDLVRQGRLEFANGGWVMNDEAA THYGAIVDQMTLGLRFLEDTFGNDGRPRVAWHIDPFGHSREQASLFAQMGFDGFFF GRLDYQDKWVRMQKLEMEQVWRASLSLKPTADLFTGVLPNGYNPPRNLCWDVL CVDQPLVEDPRSPEYNAKELVDYFLNVATAQGRIYRTNHTVMTMGSDYENANM WFKNLDKLIRLVNAQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

MAN2B1 mannosidase, alpha, class 2B, member 1 [Homo sapiens]

Official Symbol

MAN2B1

Synonyms

MAN2B1; mannosidase, alpha, class 2B, member 1; MANB; lysosomal alpha-mannosidase; LAMAN; mannosidase alpha-B; mannosidase, alpha B, lysosomal; lysosomal acid alpha-mannosidase;

Gene ID

4125

mRNA Refseq

NM_000528

Protein Refseq

NP_000519

MIM

609458

UniProt ID

O00754

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