

Recombinant Human MANSC1 protein, His-tagged

Cat. No. MANSC1-2738H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MANSC1 protein(32-382 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-382 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	KSLEDVVIDIQSSLSKGIRGNEPIYTSTQEDCINSCCSTKNISGDKACNLMIFDTRKTA RQPNCYLFFCPNEEACPLKPAKGLMSYRIITDFPSLTRNLPSQELPQEDSLLHGQFS QAVTPLAHHHTDYSKPTDISWRDTLSQKFGSSDHLEKLFKMDEASAQLLAYKEKGH SQSSQFSSDQEIAHLLPENVSALPATVAVASPHTTSATPKPATLLPTNASVTPSGTS QPQLATTAPPVTTVTSQPPTTLISTVFTRAAATLQAMATTAVLTTTFQAPTD SKGSLE TIPFTEISNLT LNTGNVYNPTALSMSNVESSTMNK TASWEGREASPGSSSQGSVPE NQYGLPFE
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ 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 MANSC1 MANSC domain containing 1 [Homo sapiens]

Official Symbol MANSC1

Synonyms MANSC1; MANSC domain containing 1; MANSC domain-containing protein 1; FLJ10298; LOH12CR3; loss of heterozygosity 12 chromosomal region 3 protein; 9130403P13Rik;

Gene ID 54682

mRNA Refseq NM_018050

Protein Refseq NP_060520

UniProt ID Q9H8J5

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