

Recombinant Human MYO9B protein, His-tagged

Cat. No. MYO9B-2790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYO9B protein(1660-1983 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1660-1983 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	DKALLCSVCKMTCHKKCVHKIQSHCSYTYGRKGEPGVEPGHFGVCVDSLTSKASV PIVLEKLLLEHVEMHGLYTEGLYRKSGAANRTRELRLQALQTDPAAVKLENFPIHAITGV LKQWLRELPEPLMTFAQYGDFLRAVELPEKQEQLAAIYAVLEHLPEANHNSLERLIFH LVKVALLEDVNRMSPGALAIIFAPCLLRCPDNDPLTSMKDVLIKITTCVEMLIKEQMR KYKVKMEEISQLEAAESIAFRRLSLLRQNAPWPLKLGFSPPYEGVLNKSPKTRDIQEE ELEVLEEEAAGGDEDREKEILIERIQSIKEEKEDI
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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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 [MYO9B myosin IXB \[Homo sapiens \]](#)

Official Symbol [MYO9B](#)

Synonyms MYO9B; myosin IXB; CELIAC4; unconventional myosin-IXb; myosin-IXb; unconventional myosin-9b; unconventional myosin Ixb; MYR5;

Gene ID [4650](#)

mRNA Refseq [NM_001130065](#)

Protein Refseq [NP_001123537](#)

MIM [602129](#)

UniProt ID [Q13459](#)

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