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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DKALLCSVCKMTCHKKCVHKIQSHCSYTYGRKGEPGVEPGHFGVCVDSLTSDKASV PIVLEKLLEHVEMHGLYTEGLYRKSGAANRTRELRQALQTDPAAVKLENFPIHAITGV LKQWLRELPEPLMTFAQYGDFLRAVELPEKQEQLAAIYAVLEHLPEANHNSLERLIFH LVKVALLEDVNRMSPGALAIIFAPCLLRCPDNSDPLTSMKDVLKITTCVEMLIKEQMR KYKVKMEEISQLEAAESIAFRRLSLLRQNAPWPLKLGFSSPYEGVLNKSPKTRDIQEE ELEVLLEEEAAGGDEDREKEILIERIQSIKEEKEDI
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 ḡ/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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