

Recombinant Human MYL1 protein, GST-tagged

Cat. No. MYL1-3261H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYL1 protein(P05976)(1-150aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-150aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.7 kDa
AA Sequence	MSFSADQIAEFKEAFLFDRTGDSKITLSQVGDLRALGTNPTNAEVRKVLGNPSNE ELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGAELRHVLA TLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [MYL1 myosin, light chain 1, alkali; skeletal, fast \[Homo sapiens \]](#)

Official Symbol [MYL1](#)

Synonyms

MYL1; myosin, light chain 1, alkali; skeletal, fast; myosin, light polypeptide 1, alkali; skeletal, fast; myosin light chain 1/3, skeletal muscle isoform; MLC1/MLC3; MLC1F/MLC3F; A1 catalytic; A2 catalytic; myosin light chain A1/A2; myosin light chain alkali 1/2; myosin, light polypeptide 1, alkali; skeletal, fast; MLC1F; MLC3F;

Gene ID [4632](#)

mRNA Refseq [NM_079420](#)

Protein Refseq [NP_524144](#)

MIM [160780](#)

UniProt ID [P05976](#)

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