

Recombinant Human MYL12A protein, GST-tagged

Cat. No. MYL12A-1814H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYL12A protein(1-171 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-171 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MSSKRTKTKTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDM LASLGKNPTDEYLDAMMNEAPGPINFTMFLTMFGEKLNGLDPEDVIRNAFACFDEEA TGTIQEDYLRELLTTMGDRFTDEEVDELYREAPIDKKGNFNIEFTRILKHGAKDKDD
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 cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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

GENE INFORMATION

Gene Name	MYL12A myosin, light chain 12A, regulatory, non-sarcomeric [Homo sapiens]
Official Symbol	MYL12A
Synonyms	MYL12A; myosin, light chain 12A, regulatory, non-sarcomeric; myosin, light polypeptide, regulatory, non sarcomeric (20kD); myosin regulatory light chain 12A; MLCB; MRCL3; MRCL3; MYL2B; myosin regulatory light chain 3; MLC-2B; myosin RLC; myosin regulatory light chain MRCL3; myosin regulatory light chain MRCL3; myosin regulatory light chain 2, nonsarcomeric; myosin, light polypeptide, regulatory, non-sarcomeric (20kD);
Gene ID	10627
mRNA Refseq	NM_006471
Protein Refseq	NP_006462
UniProt ID	P19105

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