Recombinant Human MYL12B protein, His-GST-tagged

Cat. No. MYL12B-5763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYL12B protein(O14950)(1-172aa), fused with N-terminal His and GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-172aa
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	51.3 kDa
Purity	Greater than 85% 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

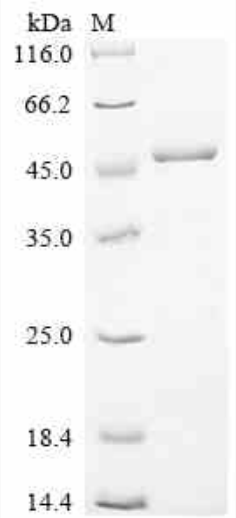
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AA Sequence	MSSKKAKTKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHD MLASLGKNPTDAYLDAMMNEAPGPINFTMFLTMFGEKLNGTDPEDVIRNAFACFDE EATGTIQEDYLRELLTTMGDRFTDEEVDELYREAPIDKKGNFNYIEFTRILKHGAKDK DD

GENE INFORMATION

Gene Name	MYL12B myosin, light chain 12B, regulatory [Homo sapiens]
Official Symbol	MYL12B
Synonyms	MYL12B; myosin, light chain 12B, regulatory; myosin regulatory light chain 12B; MRLC2; myosin regulatory light chain 2; MLC-2; MLC20; MLC-2A; SHUJUN-1; myosin regulatory light chain MRLC2; myosin regulatory light chain 20 kDa; myosin regulatory light chain 2-B, smooth muscle isoform; MLC-B;
Gene ID	103910
mRNA Refseq	NM_001144944
Protein Refseq	NP_001138416
MIM	609211
UniProt ID	O14950

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SDS-PAGE	

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