

Recombinant Full Length Human MYL11 Protein, C-Flag-tagged

Cat. No. MYL11-2108HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MYL11 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to be a structural constituent of muscle. Predicted to be involved in skeletal muscle tissue development. Located in lysosomal membrane. Implicated in distal arthrogryposis type 1C.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.8 kDa
AA Sequence	MAPKRAKRRTVEGGSSSVFSMFDQTQIQEFKEAFTVIDQNRDGIIDKEDLRDTFAAM GRLNVKNEELDAM MKEASGPINFVFLTMFGEKLGADPEDVITGAFKVLDPGEKG TIKKKFLEELLTTQCDRFSQEEIKNMW AAFPPDVGGNVDYKNICYVITHGDAKDQE T RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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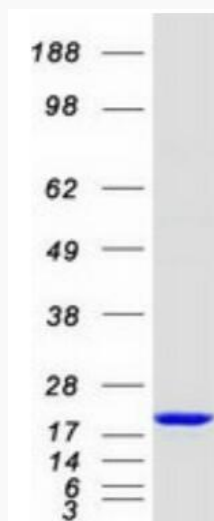
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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction
Full Length	Full L.
GENE INFORMATION	
Gene Name	MYL11 myosin light chain 11 [Homo sapiens (human)]
Official Symbol	MYL11
Synonyms	DA1C; MLC2B; MRLC2; MYLPF; HUMMLC2B
Gene ID	29895
mRNA Refseq	NM_013292.5
Protein Refseq	NP_037424.2
MIM	617378
UniProt ID	Q96A32

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Coomassie blue staining of purified MYL11 protein.