Recombinant Human MYL12B Protein, MYC/DDK-tagged

Cat. No. MYL12B-2277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MYL12B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments (Iwasaki et al., 2001 [PubMed 11942626]).[supplied by OMIM, Mar 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MYL12B myosin, light chain 12B, regulatory [Homo sapiens]
Official Symbol	MYL12B

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Synonyms	MLC-B; MRLC2
Gene ID	103910
mRNA Refseq	NM_001144944
Protein Refseq	NP_001138416
MIM	609211
UniProt ID	O14950

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