

Recombinant Full Length Human MYL7 Protein, GST-tagged

Cat. No. MYL7-6764HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYL7 full-length ORF (BAG34810.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	175 amino acids
Description	MYL7 (Myosin Light Chain 7) is a Protein Coding gene. Diseases associated with MYL7 include Fechtner Syndrome and Familial Atrial Fibrillation. Among its related pathways are Focal Adhesion and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is MYL5.
Molecular Mass	45.65 kDa
AA Sequence	MASRKAGTRGKVAATKQAQRGSSNVFSMFEQAQIQEFKEAFSCIDQNRDGIICKAD LRETYSQLGKVSVPPEEELDAMLQEGKGPIINFTVFLTLFGEKLNQTDPEEAILSAFRMF DPSGKGVVNKDEFKQLLLTQADKFSPAEEVQMFALTPMDLAGNIDYKSLCYIITHGD EKEE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MYL7 myosin light chain 7 [Homo sapiens (human)]
Official Symbol	MYL7
Synonyms	MYL7; myosin, light chain 7, regulatory; myosin, light polypeptide 7, regulatory; myosin regulatory light chain 2, atrial isoform; MYL2A; MYLC2A; MLC2a; MLC-2a; myosin light chain 2a; myosin regulatory light chain 7;
Gene ID	58498
mRNA Refseq	NM_021223
Protein Refseq	NP_067046
MIM	613993
UniProt ID	Q01449

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