

Recombinant Full Length Human MYL5 Protein, GST-tagged

Cat. No. MYL5-6762HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYL5 full-length ORF (AAH40050.1, 1 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	132 amino acids
Description	This gene encodes one of the myosin light chains, a component of the hexameric ATPase cellular motor protein myosin. Myosin is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene product, one of the regulatory light chains, is expressed in fetal muscle and in adult retina, cerebellum, and basal ganglia. [provided by RefSeq
Molecular Mass	40.26 kDa
AA Sequence	MDQNRDGFIDKEDLKDTYASLGKTNVKDDELDAMLKEASGPINFTMFLNLFGEKLSG TDAEETILNAFKMLDPDGKGKINKEYIKRLLMSQADKMTAAEEVDQMFQFASIDVAGN LDYKALSYVITHGEEKEE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	MYL5 myosin light chain 5 [Homo sapiens (human)]
Official Symbol	MYL5
Synonyms	MYL5; myosin, light chain 5, regulatory; myosin, light polypeptide 5, regulatory; myosin light chain 5; MYLC2; myLC-2; myosin regulatory light chain 5; superfast myosin regulatory light chain 2;
Gene ID	4636
mRNA Refseq	NM_002477
Protein Refseq	NP_002468
MIM	160782
UniProt ID	Q02045

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