Recombinant Human MYH3 Protein, GST-tagged

Cat. No. MYH3-5804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYH3 partial ORF (NP_002461.1, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. This gene is a member of the MYH family and encodes a protein with an IQ domain and a myosin head-like domain. Mutations in this gene have been associated with two congenital contracture (arthrogryposis) syndromes, Freeman-Sheldon syndrome and Sheldon-Hall syndrome. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	SSDTEMEVFGIAAPFLRKSEKERIEAQNQPFDAKTYCFVVDSKEEYAKGKIKSSQDG KVTVETEDNRTLVVKPEDVYAMNPPKFDRIEDMAMLTHLNEP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

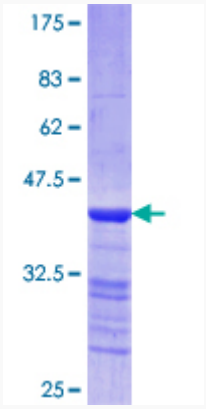
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	MYH3 myosin, heavy chain 3, skeletal muscle, embryonic [Homo sapiens]
Official Symbol	MYH3
Synonyms	MYH3; myosin, heavy chain 3, skeletal muscle, embryonic; myosin-3; myosin, skeletal, heavy chain, embryonic 1; myosin heavy chain, fast skeletal muscle, embryonic; myosin, heavy polypeptide 3, skeletal muscle, embryonic; HEMHC; SMHCE; MYHSE1; MYHC-EMB;
Gene ID	4621
mRNA Refseq	NM_002470
Protein Refseq	NP_002461

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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