

Recombinant Full Length Human MYF6 Protein, GST-tagged

Cat. No. MYF6-6741HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYF6 full-length ORF (NP_002460.1, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	242 amino acids
Description	The protein encoded by this gene is a probable basic helix-loop-helix (bHLH) DNA binding protein involved in muscle differentiation. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of autosomal dominant centronuclear myopathy (ADCNM). [provided by RefSeq, May 2010]
Molecular Mass	53.4 kDa
AA Sequence	MMMDLFETGSYFFYL DGENVTLQPLEVAEGSPLYPGSDGTLSPCQDQMPPEAGSD SSGEEHVLAPPGLQPPHCPGQCLIWACKTCKRKSAPTD RRKAATLRERRRLKKINE AFEALKRRTVANPNQRLPKVEILRSAISYIERLQDLLHRLDQQEKMQELGVDPFSYRP KQENLEGADFLRTCSSQWPSVSDHSRGLVITAKEGGASIDSSASSSLRCLSSIVDSIS SEERKLPCVEEVVEK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production 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	MYF6 myogenic factor 6 (herculin) [Homo sapiens]
Official Symbol	MYF6
Synonyms	MYF6; myogenic factor 6 (herculin); myogenic factor 6; bHLHc4; MRF4; muscle-specific regulatory factor 4; class C basic helix-loop-helix protein 4; CNM3; myf-6;
Gene ID	4618
mRNA Refseq	NM_002469
Protein Refseq	NP_002460
MIM	159991
UniProt ID	P23409

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