

Recombinant Full Length Human MYOG Protein, GST-tagged

Cat. No. MYOG-6610HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYOG full-length ORF (AAH53899, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	224 amino acids
Description	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq]
Molecular Mass	50.38 kDa
AA Sequence	MELYETSPYFYQEPRFYDGENYLPVHLQGFEPGGYERTELTLSPEAPGPLEDKGLG TPEHCPGQCLPWACKVCKRKSVSVDRRRAATLREKRRLKKVNEAFEALKRSTLLNP NQRLPKVEILRSAIQYIERLQALLSSLNQEERDLRYRGGGGPQPGVPSECSSHSASC SPEWGSALEFSANPGDHLLTADPTDAHNLHSLTSIVDSITVEDVSVAFPDETMPN
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	MYOG myogenin (myogenic factor 4) [Homo sapiens]
Official Symbol	MYOG
Synonyms	MYOG; myogenin (myogenic factor 4); MYF4; myogenin; bHLHc3; myf-4; myogenic factor 4; Myogenic factor-4; class C basic helix-loop-helix protein 3; MYOGENIN;
Gene ID	4656
mRNA Refseq	NM_002479
Protein Refseq	NP_002470
MIM	159980
UniProt ID	P15173

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