

Recombinant Full Length Human MYOG Protein

Cat. No. MYOG-327HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Myogenin with N terminal proprietary tag, 50.75kDa.
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.
Form	Liquid
Molecular Mass	50.750kDa inclusive of tags
AA Sequence	MELYETSPYFYQEPRFYDGENYLPVHLQGFEPGYPYERTEL TLSPEAPGPLEDKGLG TPEHCPGQCLPWACKVCKRKS SVS DRRRAATLREKRRLKKVNEAFEALKRSTLLN PNQRLPKVE ILRSAIQYIERLQALLSSLNQEERDLRYRGGGGPQPGVPS ECSSHSA SCSPEWGSALFSA NPGDHLLTADPTDAHNLHS LTSIVDSITVEDVSVAFPDETMPN
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze /

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thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name MYOG myogenin (myogenic factor 4) [Homo sapiens]

Official Symbol MYOG

Synonyms MYOG; myogenin (myogenic factor 4); MYF4; myogenin; bHLHc3

Gene ID 4656

mRNA Refseq NM_002479

Protein Refseq NP_002470

MIM 159980

UniProt ID P15173

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