

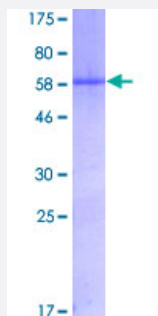
Full-Length

MYOG (Human) Recombinant Protein (P01)

Catalog # H00004656-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human MYOG full-length ORF (AAH53899, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELYETSPYFYQEPRFYDGENYLPVHLQGFEPGGERTELTSPEAPGPLEDKGLGTPEHCPGQ
CLPWACKVCKRKSVSVDRRRAATLREKRRLKKVNEAFEALKRSTLLNPNQRLPKVEILRSIQYIE
RLQALLSSLNQEERDLRYRGGGGPQPGVPSECSSHSASCSPWGSALFESANPGDHLLTADPT
DAHNLHSLTSIVDSITVEDVSVAFPDETMPN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.38

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MYOG

Entrez GeneID	4656
GeneBank Accession#	BC053899
Protein Accession#	AAH53899
Gene Name	MYOG
Gene Alias	MYF4, MYOGENIN, bHLHc3
Gene Description	myogenin (myogenic factor 4)
Omim ID	159980
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Myogenic factor-4; myogenin OTTHUMP00000039094 myogenic factor 4 myogenin