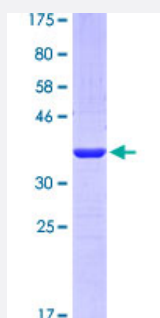


MB (Human) Recombinant Protein (Q01)

Catalog # H00004151-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MB partial ORF (NP_005359.1, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GLSDGEWQLVLNVWGKVEADIPGHGQEVLRFLFKGHPETLEKFDKFKHLKSEDEMKASEDLKKH GATVLTALGGILKKKGHHEAEIKPLAQSHATKHKI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
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 — MB

Entrez GeneID [4151](#)

GeneBank Accession# [NM_005368.2](#)

Protein Accession# [NP_005359.1](#)

Gene Name MB

Gene Alias MGC13548, PVALB

Gene Description myoglobin

Omim ID [160000](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]

Other Designations -