

Recombinant Human MB Protein

Cat. No. MB-0028H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MB Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the globin superfamily and is predominantly expressed in skeletal and cardiac muscles. The encoded protein forms a monomeric globular haemoprotein that is primarily responsible for the storage and facilitated transfer of oxygen from the cell membrane to the mitochondria. This protein also plays a role in regulating physiological levels of nitric oxide. Multiple transcript variants encoding distinct isoforms exist for this gene.
Applications	ELISA, CLIA, CG
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
Storage Buffer	Supplied as a 0.2 µm filtered solution of PBS, pH7.4

GENE INFORMATION

Gene Name	MB myoglobin [Homo sapiens (human)]
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Official Symbol	MB
Synonyms	MB; myoglobin; PVALB; MGC13548;
Gene ID	4151
mRNA Refseq	NM_005368
Protein Refseq	NP_005359
MIM	160000
UniProt ID	P02144
SDS-PAGE	

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