

Myoglobin Recombinant Protein | MYO recombinant protein

Recombinant Myoglobin (MYO)

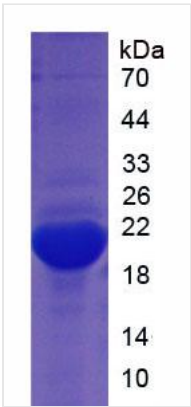
CATALOG # AAA144270	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Myoglobin; Recombinant Myoglobin (MYO); MYO recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	MGLSDGEWQL VLNAWGKVEA DVAGHGQEV LIRLTGHPET LEKFDKFKHL KTEAEMKASE DLKKHGNTVL TALGGILKKK GHHEAEVKHL AESHANKHKI PVKYLEFISD AIIHVLHAKH PSDFGADAQA AMSKALELFR NDMAAQYKVL GFHG
Applicable Applications for MYO recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Bos taurus; Bovine (Cattle)
Source	Prokaryotic expression
Residues	Met1~Gly154
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
Usage	Reconstitute in ddH2O to a concentration of 0-0.1mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	44955888
NCBI GeneID	4151
NCBI Accession #	NP_976312.1
NCBI GenBank Nucleotide #	NM_203378.1
Molecular Weight	Predicted Molecular Mass: 20.8KDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	myoglobin
NCBI Official Synonym Full Names	myoglobin
NCBI Official Symbol	MB
NCBI Official Synonym Symbols	PVALB; myoglobgin
NCBI Protein Information	myoglobin
UniProt Protein Name	Myoglobin
UniProt Gene Name	MB
UniProt Entry Name	MYG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mb-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144270>