

## Recombinant Cattle MB protein, His-tagged

Cat. No. MB-2677C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cattle MB aa. (Met1~Gly154) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Cattle
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Gly154
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	21kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>98%
<b>Characteristic</b>	The isoelectric point is 6.9.
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB
<b>Stability</b>	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°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.

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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200µg/mL
<b>Storage buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

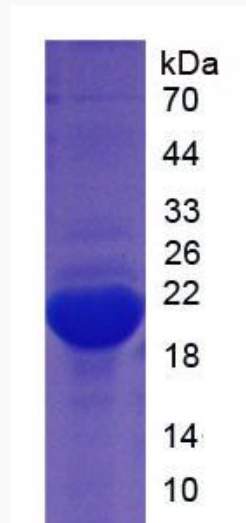
<b>Gene Name</b>	MB myoglobin [ <i>Bos taurus</i> (cattle) ]
<b>Official Symbol</b>	MB
<b>Synonyms</b>	GLNG; globin G; myoglobin
<b>Gene ID</b>	280695
<b>mRNA Refseq</b>	NM_173881.2
<b>Protein Refseq</b>	NP_776306.1
<b>UniProt ID</b>	P02192

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SDS-PAGE



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