

Recombinant Mouse Mb protein, His&Myc-tagged

Cat. No. Mb-3210M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mb protein(P04247)(2-154aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	2-154aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	21.9 kDa
AA Sequence	GLSDGEWQLVLNVWGKVEADLAGHGQEVLI GLFKTHPETLDKFDKFKNLKSEEDMK GSEDLKKHGCTVLTALGTILKKKGQHAAEIQLAQSHATKHKIPVKYLEFISEIIIEVLKK RHSGDFGADAQGAMSKALELFRNDIAAKYKELGFQG
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Mb myoglobin [<i>Mus musculus</i>]
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Official Symbol	Mb
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Synonyms	MB; myoglobin; AI325109;
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Gene ID	17189
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mRNA Refseq	NM_001164047
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Protein Refseq	NP_001157519
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