

## Recombinant Dog MB protein, His-tagged

**Cat. No.** MB-745D    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Dog MB protein(P63113)(2-154aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                             |
| <b>Species</b>          | Dog                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2-154a.a.                                                                                                                                                                                                                                        |
| <b>Tag</b>              | His                                                                                                                                                                                                                                              |
| <b>Form</b>             | 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.               |
| <b>Molecular Mass</b>   | 21.3 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

GLSDGEWQIVLNIWGKVVETDLAGHGQEVLRIRLFKNHPETLDKFDKFKHLKTEDEMKG  
 SEDLKKHGNTVLTALGGILKKKGHHEAEKPLAQSHATKHKIPVKYLEFISDAIIQVLQ  
 SKHSGDFHADTEAAMKKALELFRNDIAAKYKELGFQG

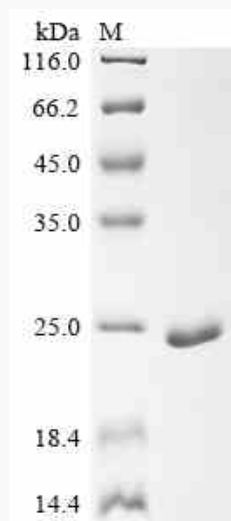
**GENE INFORMATION**

**Gene Name** MB myoglobin [ *Canis lupus familiaris* ]

**Official Symbol** MB

**Synonyms** MB; myoglobin;

**Gene ID** 608715

**SDS-PAGE**


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