

## Recombinant Sperm Whale MB Protein, His-tagged

**Cat. No.** MB-72S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Sperm Whale MB Protein, fused to His-tag, was expressed in E. coli.                                                                                         |
| <b>Species</b>          | Sperm Whale                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                  |
| <b>Description</b>      | myoglobin                                                                                                                                                               |
| <b>Form</b>             | PBS, pH7.4.                                                                                                                                                             |
| <b>Molecular Mass</b>   | 18 kDa                                                                                                                                                                  |
| <b>AA Sequence</b>      | MHHHHHHVLSEGEWQLVLHVWAKVEADVAGHGQDILIRLFKSHPETLEKFDRFKHL<br>KTEAEMKASEDLKKHGVTVLTALGAILKKKGHHEAELKPLAQSHATKHKIPIKYLEFIS<br>EAIHVLHSRHPGDFGADAQGAMNKALELFRKDIAAKYKELGYQG |
| <b>Purity</b>           | 95%                                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.     |
| <b>Concentration</b>    | 1 mg/ml                                                                                                                                                                 |

### GENE INFORMATION

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|                 |                                                 |
|-----------------|-------------------------------------------------|
| Gene Name       | MB myoglobin [ Physeter catodon (sperm whale) ] |
| Official Symbol | MB                                              |
| Gene ID         | 102975021                                       |
| mRNA Refseq     | NM_001290722                                    |
| Protein Refseq  | NP_001277651                                    |
| UniProt ID      | P02185                                          |

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