

## Recombinant Sperm Whale Myoglobin

**Cat. No.** MB-2165W    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Sperm whale myoglobin produced in E. coli has a molecular mass of approximately 17 KDa.                                                                                                                                                                                                    |
| <b>Species</b>          | Sperm Whale                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Myoglobin contains an intracellular heme that facilitates the transport of molecular oxygen by combining with molecular oxygen to form oxymyoglobins. Measurement of myoglobin levels is useful in the diagnosis of skeletal and cardiac muscle damage. Sperm whale myoglobin is expressed in E. coli. |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>   | Liquid. In PBS Buffer.                                                                                                                                                                                                                                                                                 |

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