

# Recombinant Human MSRB3 protein(Gly26-Leu185), His-tagged

**Cat. No.** MSRB3-341H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MSRB3(Q8IXL7-2) (Gly26-Leu185) was expressed in E. coli, fused with a polyhistide tag at the N-terminus.                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Gly26-Leu185                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human MSRB3 consists of 178 amino acids and predicts a molecular mass of 19.6 KDa. It migRates as an approximately 23 KDa band in SDS-PAGE under reducing conditions.                                                           |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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**GENE INFORMATION**

|                        |                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MSRB3 methionine sulfoxide reductase B3 [ Homo sapiens ]                                                                                                                                                       |
| <b>Official Symbol</b> | MSRB3                                                                                                                                                                                                          |
| <b>Synonyms</b>        | MSRB3; methionine sulfoxide reductase B3; deafness, autosomal recessive 74 , DFNB74; methionine-R-sulfoxide reductase B3; DKFZp686C1178; FLJ36866; methionine-R-sulfoxide reductase B3, mitochondrial; DFNB74; |
| <b>Gene ID</b>         | 253827                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_001031679                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001026849                                                                                                                                                                                                   |
| <b>MIM</b>             | 613719                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q8IXL7                                                                                                                                                                                                         |

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