

PRODUCT INFORMATION

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|---|---|
| Target | QSOX1 |
| Synonyms | mSOx;Quiescin Q6 |
| Description | Recombinant mouse QSOX1 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q8BND5 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | Mouse QSOX1(Ser36-His708) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 75.5 kDa after removal of the signal peptide. The apparent molecular mass of mQSOX1-His is approximately 70-100 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide (PubMed:26819240). Plays a role in disulfide bond formation in a variety of extracellular proteins (PubMed:26819240). In fibroblasts, required for normal incorporation of laminin into the extracellular matrix, and thereby for normal cell-cell adhesion and cell migration (PubMed:26819240).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |



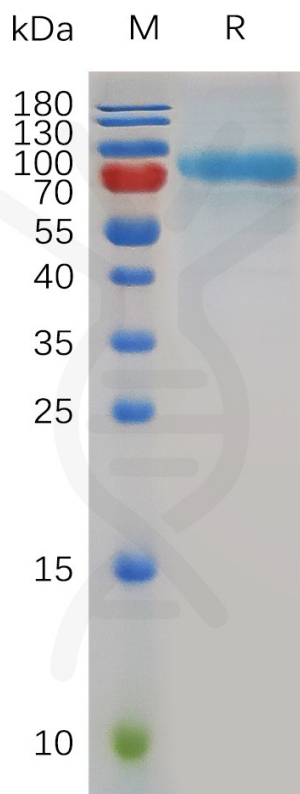


Figure 1. Mouse QSOX1 Protein, His Tag on SDS-PAGE under reducing condition.

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