

PRODUCT INFORMATION

QSOX1 **Target**

Synonyms mSOx;Quiescin Q6

Recombinant mouse QSOX1 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q8BND5 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Molecular Weight

Storage & Shipping

Background

Mouse QSOX1(Ser36-His708) 6×His tag Characterization

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. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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.

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

Unconjugated Conjugate

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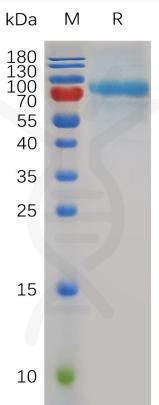


Figure 1. Mouse QSOX1 Protein, His Tag on SDS-PAGE under reducing condition.

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