

32-17906: Recombinant Mouse QSOX1 Protein, His Tag

Uniprot ID : Q8BND5

Alternative Name : mSOx, Quiescin Q6

Description

Molecular Characterization: Mouse QSOX1(Ser36-His708) 6Å—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.

Description: Recombinant mouse QSOX1 protein with C-terminal 6Å—His tag

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]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.