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Datasheet for ABIN7491030 QSOX1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	QSOX1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This QSOX1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse QSOX1 protein with C-terminal 6xHis tag
Specificity:	Mouse QSOX1 (Ser36-His708) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	QSOX1
Alternative Name:	QSOX1 (QSOX1 Products)
Background:	<p>MSOx, Quiescin Q6</p> <p>Description: 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</p>

Target Details

	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]
Molecular Weight:	predicted molecular mass of 75.5 kDa after removal of the signal peptide. The apparent molecular mass of mQSOX1-His is 70-100 kDa due to glycosylation.
UniProt:	O00391
Pathways:	Cell RedoxHomeostasis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months