

HUMAN QSOX1 PROTEIN, HIS TAG

Cat.#: 11566

Product Name: Human QSOX1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: hQSOX;Quiescin Q6

Target: QSOX1

UNIPROT ID: O00391

Description: Recombinant human QSOX1 protein with C-terminal 6xHis tag

Background: This gene encodes a protein that contains domains of thioredoxin and ERV1, members of two long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 75.9 kDa after removal of the signal peptide. The apparent molecular mass of QSOX1-His is approximately 70–100 kDa due to glycosylation.

Molecular Characterization: QSOX1(Ala30–Ser706) 6×His tag

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



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