

Recombinant Human QSOX1

Cat. No. QSOX1-31036TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Quiescin Q6 with an N terminal proprietary tag. Predicted MW 36.63kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	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.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Expressed in heart, placenta, lung, liver, skeletal muscle, pancreas and very weakly in brain and kidney.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KALAEDVKAWRPALYLAALDCAEETNSAVCRDFNIPGFPTVRFFKAFTKNGSGAVFP VAGADVQTLRERLIDALESHHDTWPPACPPLEPAKLEEIDGFF
Sequence Similarities	Belongs to the quiescin-sulfhydryl oxidase (QSOX) family.Contains 1 ERV/ALR sulfhydryl oxidase domain.Contains 1 thioredoxin domain.
GENE INFORMATION	
Gene Name	QSOX1 quiescin Q6 sulfhydryl oxidase 1 [Homo sapiens]
Official Symbol	QSOX1
Synonyms	QSOX1; quiescin Q6 sulfhydryl oxidase 1; QSCN6, quiescin Q6; sulfhydryl oxidase 1;
Gene ID	5768
mRNA Refseq	NM_001004128
Protein Refseq	NP_001004128
MIM	603120
Uniprot ID	O00391
Chromosome Location	1q24
Function	flavin-linked sulfhydryl oxidase activity; flavin-linked sulfhydryl oxidase activity; oxidoreductase activity;

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