

Recombinant Human QSOX2 protein, GST-tagged

Cat. No. QSOX2-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human QSOX2(1 a.a. - 576 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-576 a.a.
Description	QSOX2 is a member of the sulfhydryl oxidase/quiescin-6 (Q6) family (QSOX1; MIM 603120) that regulates the sensitization of neuroblastoma cells for IFN-gamma (IFNG; MIM 147570)-induced cell death (Wittke et al., 2003 [PubMed 14633699]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	91.6 kDa
AA Sequence	MEEKNQAVCHDYDIHFYPTFRYFKAFTKEFTTGENFKGPDRELRTVRQTMIDFLQNH TEGSRPPACPRLDPIQPS DVLSLDDKRGSHYVAIVFESNSSYLGREVILDLIPYESIVV TRALDGDKAFLEKLGVSVPSCYLIYPNGSHGLI NVVKPLRAFFSSYLKSLPDVRKK SLPLPEKPHKEENSEIVVWREFDKSKLYTVDLESGLHYLLRVELAAHKSLAG AELKT LKDFVTVLAKLFPGRPPVKLLEMLQEWLASLPLDRIPYNAVLDLVNNKMRISGIFLT NHIKWVGCQGSR SELRGYPCLWKL FHTLTVEASTHPDALVGTGFEDDPQAVLQT MRRYVHTFFGCKEKGHEEMAKESMDSVKTP DQAILWLWKKHNMVNGRLAGHL SEDPFRPKLQWPTPDLCACHEEIKGLASWDEGHVLTFLKQHYGRDNLDDTYS AD

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QGDSSEGGTLARGEKEEKRLTPPEVSHGDRDTQSVRPPGALGPRPALPESLHHSL
 DGKLQSLDGPGAHKEVGG AAPFLGVDFSSLDMSLCVVLYVASSLFLMVMYFFFRV
 RSRRWKVKHHHPAV

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

QSOX2 quiescin Q6 sulfhydryl oxidase 2 [Homo sapiens]

Official Symbol

QSOX2

Synonyms

SOXN; QSCN6L1

Gene ID

169714

mRNA Refseq

NM_181701.3

Protein Refseq

NP_859052.3

MIM

612860

UniProt ID

Q6ZRP7

**Chromosome
Location**

9q34.3

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Function

thiol oxidase activity;

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