

Recombinant Human WW Domain Containing Oxidoreductase, His-tagged

Cat. No. WWOX-6922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human WWOX protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 28.3 kDa.
Species	Human
Source	E.coli
ProteinLength	1-234aa
Description	WWOX is a proapoptotic protein and a tumor suppressor protein. WWOX is found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This protein may function synergistically with TP53/p53 to control genotoxic stress-induced cell death. It also plays a role in tumor necrosis factor (TNF)-mediated cell death.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Molecular Mass	28.3 kDa (254aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MAALRYAGLD DTDSEDELPP GWEERTTKDG WVYYANHTEE KTQWEHPKTG KRKRVAGDLP YGWEQETDEN GQVFFVDHIN KRTTYLDPRL AFTVDDNPTK PTTRQRYDGS TTAMEILQGR DFTGKVVVVT GANSIGIFET AKSFALHGAH VILACRNMAR ASEAVSRILE EWQQGAATTV YCAAVPELEG LGGMYFNNCC RCMPSPQAQS EETARTLWAL SERLIQERLG

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	SQSG
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	WWOX WW domain containing oxidoreductase [Homo sapiens]
Official Symbol	WWOX
Synonyms	WWOX; WW domain containing oxidoreductase; WW domain-containing oxidoreductase; FOR; SDR41C1; short chain dehydrogenase/reductase family 41C; member 1; WOX1; WW domain-containing protein WWOX; fragile site FRA16D oxidoreductase; short chain dehydrogenase/reductase family 41C, member 1; FRA16D; HHCMA56; PRO0128; D16S432E;
Gene ID	51741
mRNA Refseq	NM_016373
Protein Refseq	NP_057457
MIM	605131

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UniProt ID	Q9NZC7
Chromosome Location	16q23.3-q24.1
Pathway	ErbB4 signaling events, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by ERBB4, organism-specific biosystem;
Function	coenzyme binding; cofactor binding; enzyme binding; nucleotide binding; oxidoreductase activity; oxidoreductase activity; protein binding; protein dimerization activity;

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