



Recombinant Human WW domain-containing oxidoreductase (WWOX)

Product Code	CSB-MP873704HU
Abbreviation	WWOX
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NZC7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAALRYAGLD DTDSEDELPP GWEERTTKDG WVYYANHTEE KTQWEHPKTG KRKR VAGDLP YGWEQETDEN GQVFFVDHIN KRTTYLDPRL AFTVDDNPTK PTTQRQYDGS TTAMEILQGR DFTGKVVVVT GANSGIGFET AKSFALHGAH VILACRNMAR ASEAVSRILE EWHKAKVEAM TLDLALLRSV QHFAEAFKAK NVPLHVLVCN AATFALPWSL TKDGLETTFQ VNH LGHFYLV QLLQDVLCRS APARVIVVSS ESHRFTDIND SLGKLD FSRL SPTKNDYWAM LAYNRSKLCN ILFSNELHRR LSPRGVTSNA VHPGNMMYSN IHRSWWVYTL LFTLARPFTK SMQQGAATTV YCAAVPELEG LGGMYFNNCC RCMP SPEAQS EETARTLWAL SERLIQERLG SQSG
Source	Mammalian cell
Target Names	WWOX
Protein Names	Recommended name: WW domain-containing oxidoreductase EC= 1.1.1.- Alternative name(s): Fragile site FRA16D oxidoreductase
Expression Region	1-414
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	WW domain-containing proteins are 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 gene encodes a protein which contains 2 WW domains and a short-chain dehydrogenase/reductase domain (SRD). The highest normal expression of this gene is detected in hormonally regulated tissues such as testis, ovary, and prostate. This expression pattern and the presence of an SRD domain suggest a role for this gene in steroid metabolism. The encoded protein is more than 90% identical to the mouse protein, which is an essential mediator of tumor



necrosis factor-alpha-induced apoptosis, suggesting a similar, important role in apoptosis for the human protein. In addition, there is evidence that this gene behaves as a suppressor of tumor growth. Alternative splicing of this gene generates transcript variants that encode different isoforms.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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