

Recombinant human WWOX protein

Catalog Number: ATGP0330

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-234aa

UniProt No.

Q9NZC7

NCBI Accession No.

AAH03184.1

Alternative Names

WW domain containing oxidoreductase, WW domain containing oxidoreductase, D16S432E, FOR, FRA16D, HHCMA56, PRO0128, SDR41C1, WOX1, WW domain containing oxidoreductase 5330426P09Rik, 9030416C10Rik, EC 1.1.1.- Fragile site FRA16D Oxireductase, MGC55975, PRO0128, Putative oxidoreductase, zgc:55975, Short chain dehydrogenase/reductase family 41C, member 1, WW domain-containing protein WWOX.

PRODUCT SPECIFICATION

Molecular Weight

28.3 kDa (254aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

WWOX, also known as WW domain containing oxidoreductase, 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

Recombinant human WWOX protein

Catalog Number: ATGP0330

with TP53/p53 to control genotoxic stress-induced cell death. It also plays a role in tumor necrosis factor (TNF) - mediated cell death. Recombinant human WWOX protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MAALRYAGLD DTDSEDELPP GWEERTTKDG WVYYANHTEE KTQWEHPKTG
KRKRVAGDLP YGWEQETDEN GQVFFVDHIN KRTTYLDPRL AFTVDDNPTK PTTRQRYDGS TTAMEILQGR DFTGKVVVVT
GANSIGIFET AKSFALHGAH VILACRNMAR ASEAVSRILE EWQQAATTV YCAAVPELEG LGGMYFNNCC RCMPSPAQS
EETARTLWAL SERLIQERLG SQSG

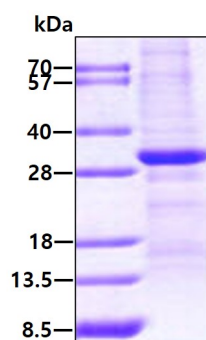
General References

Bouteille N., et al. (2009), Oncogene. 28(28):2569-80.

Gourley C., et al. (2009). Cancer Res. 69(11):4835-42.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.