

Datasheet for ABIN7556052
WVOX Protein (AA 1-414) (His tag)



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Overview

Quantity:	1 mg
Target:	WVOX
Protein Characteristics:	AA 1-414
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WVOX protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WVOX Protein expressed in mammalian cells.
Sequence:	<p>MAALRYAGLD DTDSEDELPP GWEERTTKDG WVYYANHTEE KTQWEHPKTG KRKR VAGDLP YGWEQETDEN GQVFFVDHIN KRTTYLDPRL AFTVDDNPTK PTTRQRYDGS TTAMEILQGR DFTGKVVVVVT GANSIGIFET AKSFALHGAH VILACRNMAR ASEAVSRILE EWHKAKVEAM TLDLALLRSV QHFAEAFKAK NVPLHVLVCN AATFALPWSL TKDGLETTFQ VNHLGHFYLV QLLQDVLCRS APARVIVVSS ESHRFTDIND SLGKLDFSRL SPTKNDYWAM LAYNRSKLCN ILFSNELHRR LSPRGVTSNA VHPGNMMYSN IHRSWWVYTL LFTLARPF TK SMQQGAATTV YCAAVPELEG LGGMYFNNCC RCMP SPEAQS EETARTLWAL SERLIQERLG SQSG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

WWOX

Alternative Name:

WWOX ([WWOX Products](#))

Background:

WW domain-containing oxidoreductase (EC 1.1.1.-) (Fragile site FRA16D oxidoreductase) (Short chain dehydrogenase/reductase family 41C member 1),FUNCTION: Putative oxidoreductase. Acts as a tumor suppressor and plays a role in apoptosis. Required for normal bone development (By similarity). May function synergistically with p53/TP53 to control genotoxic stress-induced cell death. Plays a role in TGFB1 signaling and TGFB1-mediated cell death. May also play a role in tumor necrosis factor (TNF)-mediated cell death. Inhibits Wnt signaling, probably by sequestering DVL2 in the cytoplasm. {ECO:0000250, ECO:0000269|PubMed:11719429, ECO:0000269|PubMed:15070730, ECO:0000269|PubMed:15548692, ECO:0000269|PubMed:16061658, ECO:0000269|PubMed:16219768, ECO:0000269|PubMed:19366691, ECO:0000269|PubMed:19465938}.

Molecular Weight:

46.7 kDa

UniProt:

[Q9NZC7](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
