Ww Domain-Containing Oxidoreductase (WWOX) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	WW domain-containing oxidoreductase (Wwox), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster WW domain-containing oxidoreductase (Wwox)
Product Gene Name	Wwox recombinant protein
Product Synonym Gene Name	Wwox
Sequence	MIALPDTDSE DELPPGWEER ATDDGTVCYV NQQGKTSQWT HPRTGRSKRI TGELPLGWEK YYDEQGKRFM FLNKETQQRT NVDPRLAFAV EEPTQNVAQV RQRFDSCSTA LQVLHGKDLH GRTALITGAN CGIGYETARS LAHHGCEIIF ACRNRSSAEA AIERIAQERP AARSRCRFAA LDLSSLRSVQ RFVEEIKQSV SHIDYLILNA GVFALPYTRT VDGLETTFQV SHLSHFYLTL QLETLFDYKT RIIVLSSESH RFANLPVENL AVHHLSPPPE KYWSMMAYNN AKLCNVLFAQ ELAQRWKQRG ISVFSLHPGN MVSSDLSRNY WFYRLLFAIV RPFTKSLQQA AATSIYCATA NELTGLSGLY FNNCFFCEPS KLSKSAALQQ QLWKLSENLI AELVEQEQH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	46,511 Da
Sequence Positions	1-409, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9VLU5
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Wwox recombinant protein	MBS1314978 is a recombinant protein targeting Wwox. Also known as Recombinant Drosophila melanogaster WW domain-containing oxidoreductase (Wwox). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Wwox recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Wwox. It may not necessarily be applicable to this product.

NCBI GI #	665405194
NCBI GeneID	34090
NCBI Accession #	NP_001285735.1

UniProt Primary Accession #	Q9VLU5
UniProt Related Accession #	Q9VLU5
GenBank Nucleotide #	NM_001298806.1
NCBI Official Full Name	WW domain containing oxidoreductase, isoform B
NCBI Official Synonym Full Names	WW domain containing oxidoreductase
NCBI Official Symbol	Wwox
NCBI Official Synonym Symbols	anon-EST:Posey177; CG7221; DmelCG7221; DmWWOX; WWOX
UniProt Protein Name	WW domain-containing oxidoreductase
Protein Family	WW domain-containing oxidoreductase
UniProt Gene Name	Wwox
NCBI Protein Information	CG7221 gene product from transcript CG7221-RB
UniProt Comments for Wwox	Putative oxidoreductase. May control genotoxic stress-induced cell death. May play a role in TGFB1 signaling and TGFB1-mediated cell death. May also play a role in tumor necrosis factor (TNF)-mediated cell death. May play a role in Wnt signaling ().
Research Articles on Wwox	**1.** the ability of WWOX to facilitate escape from mitochondrial damage-induced glycolysis (Warburg effect) is, therefore, a plausible mechanism for its tumor suppressor activity.
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