Protein Wnt-2 (WNT2) Monodelphis Domestica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Wnt-2 (WNT2), Recombinant Protein
Full Product Name	Recombinant Monodelphis domestica Protein Wnt-2 (WNT2)
Product Gene Name	WNT2 recombinant protein
Product Synonym Gene Name	WNT2
Sequence	SWWYMRAVGS SRVMCDNVPG LVSRQRQLCH RHPEVMRSIG LGVAEWTAEC QHQFRQHRWN CHTLDRDHNL FGKVLLRSSR EAAFVYAISS AGVVFAITRA CSQGELKSCS CDPKKKGTSK DSKGTFDWGG CSDNIDYGIK FARAFVDAKE RKGKDARALM NLHNNRAGRK AVKRFLKQEC KCHGVSGSCT LRTCWLAMAD FRKTGDYLWK KYNGAIQVVM NQDGTGFTVA NKRFKKPTKN DLVYFENSPD YCIRDRDAGS LGTAGRVCNL TSRGMDSCEV MCCGRGYDTS RVTRMTKCEC KFHWCCAVRC QDCLEVVDVH TCKAPKSPDW VAPT
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	40,518 Da
Sequence Positions	27-360, 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 Q2QL96
Species	Monodelphis domestica (Gray short-tailed opossum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WNT2 recombinant protein	MBS1473726 is a recombinant protein targeting WNT2. Also known as Recombinant Monodelphis domestica Protein Wnt-2 (WNT2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of WNT2 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 WNT2. It may not necessarily be applicable to this product.

NCBI GI #	274327063
NCBI GeneID	100011991
NCBI Accession #	NP_001162162.1
UniProt Primary Accession #	Q2QL96
UniProt Related Accession #	Q2QL96

GenBank Nucleotide #	NM_001168691.1
NCBI Official Full Name	protein Wnt-2
NCBI Official Symbol	WNT2
UniProt Protein Name	Protein Wnt-2
UniProt Gene Name	WNT2
NCBI Protein Information	protein Wnt-2
UniProt Comments for WNT2	Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (). Functions as upstream regulator of FGF10 expression. Plays an important role in embryonic lung development. May contribute to embryonic brain development by regulating the proliferation of dopaminergic precursors and neurons ().
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