Protein Wnt-2 (WNT2) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Wnt-2 (WNT2), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Protein Wnt-2 (WNT2)
Product Gene Name	WNT2 recombinant protein
Product Synonym Gene Name	WNT2
Sequence	SWWYMRATGG SSRVMCDNVP GLVSSQRQLC HRHPDVMRAI SQGVAEWTAE CQHQFRQHRW NCNTLDRDHS LFGRVLLRSS RESAFVYAIS SAGVVFAITR ACSQGEVKSC SCDPKKMGSA KDSKGIFDWG GCSDNIDYGI KFARAFVDAK ERKGKDARAL MNLHNNRAGR KAVKRFLKQE CKCHGVSGSC TLRTCWLAMA DFRKTGDYLW RKYNGAIQVV MNQDGTGFTV ANERFKKPTK NDLVYFENSP DYCIRDREAG SLGTAGRVCN LTSRGMDSCE VMCCGRGYDT SHVTRMTKCG CKFHWCCAVR CQDCLEALDV HTCKAPKNAD WTTPT
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	40,444 Da
Sequence Positions	26-360, 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 Q2QLE7
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WNT2 recombinant protein	MBS1438514 is a recombinant protein targeting WNT2. Also known as Recombinant Pan troglodytes 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 #	209529664
NCBI GeneID	463673
NCBI Accession #	NP_001129320.1
UniProt Primary Accession #	Q2QLE7
UniProt Related Accession #	Q2QLE7

GenBank Nucleotide #	NM_001135848.1
NCBI Official Full Name	protein Wnt-2
NCBI Official Synonym Full Names	Wnt family member 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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