Protein Wnt-1 (WNT-1) Strongylocentrotus Purpuratus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Wnt-1 (WNT-1), Recombinant Protein
Full Product Name	Recombinant Strongylocentrotus purpuratus Protein Wnt-1 (WNT-1)
Product Gene Name	WNT-1 recombinant protein
Sequence	TIESCTCDYK FRGDSGNDWE WGGCSDNADF GHRFGKKFVD SGEKGRDLRH AMNLHNNEAG RKTVSSEMRR ECKCHGMSGS CTIETCWMRL PTFRTVGELI KERFDGASRV TMRNDGSPSD RETESSFVPY NPSHKQPASR DLVYFENSPD FCERNDKFGT PGTRGRECNA TSLGVDGCDL MCCSRGSTTT EIKVKERCSC TFHWCCKVKC EECTSFRTVH RCL
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	25,236 Da
Sequence Positions	1-223, 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 P28094
Species	Strongylocentrotus purpuratus (Purple sea urchin)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WNT-1 recombinant protein	MBS1228671 is a recombinant protein targeting WNT-1. Also known as Recombinant Strongylocentrotus purpuratus Protein Wnt-1 (WNT-1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of WNT-1 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 WNT-1. It may not necessarily be applicable to this product.

NCBI GI #	2827769
NCBI GeneID	373498
NCBI Accession #	P28094.2
UniProt Primary Accession #	P28094
UniProt Related Accession #	P28094
NCBI Official Full Name	Protein Wnt-1

NCBI Official Symbol	wnt1
NCBI Official Synonym Symbols	WNT-1
UniProt Protein Name	Protein Wnt-1
Protein Family	Protein
UniProt Gene Name	WNT-1
NCBI Protein Information	protein Wnt-1
UniProt Comments for WNT-1	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein.
Research Articles on WNT-1	**1.** An important function of Wnt signaling is to control the shape of the nodal expression domain and maintain correct specification of different cell types along the axes of the embryo.
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