Protein Decapentaplegic (Dpp), Partial (dpp) Tribolium Castaneum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein decapentaplegic (dpp), partial, Recombinant Protein
Full Product Name	Recombinant Tribolium castaneum Protein decapentaplegic (dpp), partial
Product Gene Name	dpp recombinant protein
Product Synonym Names	Protein decapentaplegic
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	42,435 Da
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 Q26974
Species	Tribolium castaneum (Red flour beetle)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dpp recombinant protein	MBS1386662 is a recombinant protein targeting dpp. Also known as Recombinant Tribolium castaneum Protein decapentaplegic (dpp), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dpp 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 dpp. It may not necessarily be applicable to this product.

NCBI GI #	86515428
NCBI GeneID	654513
NCBI Accession #	NP_001034540.1
UniProt Primary Accession #	Q26974
UniProt Related Accession #	Q26974
GenBank Nucleotide #	NM_001039451.1
NCBI Official Full Name	protein decapentaplegic
NCBI Official Symbol	Dpp
UniProt Protein Name	Protein decapentaplegic

Protein Family	Dipeptidyl-peptidase
UniProt Gene Name	dpp
UniProt Entry Name	DECA_TRICA
NCBI Protein Information	protein decapentaplegic; GLEAN_08466
UniProt Comments for dpp	Acts as an extracellular morphogen to establish at least two cellular response thresholds within the dorsal half of the drosophila embryo. Required for the proper development of the embryonic dorsal hypoderm, for viability of larvae and for cell viability of the epithelial cells in the imaginal disks. Acts together with scw ().
Research Articles on dpp	**1.** RNAi used to examine the functions of wg and dpp in Tribolium embryogenesis, and particularly to assess whether their roles in axis patterning and limb allocation are conserved
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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