Yamamarin Antheraea Yamamai Recombinant Protein

PRODUCT OVERVIEW

Product Name	Yamamarin, Recombinant Protein
Full Product Name	Recombinant Antheraea yamamai Yamamarin
Product Synonym Names	Recombinant Yamamarin; Yamamarin; Growth-suppressing pentapeptide
Sequence	DILRG
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	573 Da
Sequence Positions	1-5aa; Cytoplasmic domain
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 P84863
Species	Antheraea yamamai (Japanese oak silkmoth)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Yamamarin recombinant protein	MBS1233931 is a recombinant protein targeting Yamamarin. Also known as Recombinant Antheraea yamamai Yamamarin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Yamamarin 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 Yamamarin. It may not necessarily be applicable to this product.

NCBI GI #	110287786
NCBI Accession #	P84863.1
UniProt Primary Accession #	P84863
NCBI Official Full Name	Yamamarin
UniProt Protein Name	Yamamarin
UniProt Synonym Protein Names	Growth-suppressing pentapeptide
Protein Family	Yamamarin
UniProt Entry Name	PENT_ANTYA

UniProt Comments for Yamamarin	Function: Suppresses growth in rat hepatoma cells and maintains diapause in insects. Ref.1 Developmental stage: Diapause. Ref.1 Post-translational modification: Diapausing first instar larvae contain both amidated and non-amidated forms. Ref.2 Mass spectrometry: Molecular mass is 571.858 Da from positions 1 - 5. Determined by MALDI. With amidation at Gly-5. Ref.2Molecular mass is 572.846 Da from positions 1 - 5. Determined by MALDI. Without amidation at Gly-5. Ref.2
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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