Defensin-A Mytilus Edulis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Defensin-A, Recombinant Protein
Full Product Name	Recombinant Mytilus edulis Defensin-A
Product Synonym Names	Recombinant Defensin-A; Defensin-A
Sequence	GFGCPNDYPC HRHCKSIPGR XGGYCGGXHR LRCTCYR
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	4,151 Da
Sequence Positions	1-37aa; 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 P81610
Species	Mytilus edulis (Blue mussel)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Defensin-A recombinant protein	MBS1136591 is a recombinant protein targeting Defensin-A. Also known as Recombinant Mytilus edulis Defensin-A. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Defensin-A 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 Defensin-A. It may not necessarily be applicable to this product.

NCBI GI #	6225249
NCBI Accession #	P81610.1
UniProt Primary Accession #	P81610
NCBI Official Full Name	Defensin-A
UniProt Protein Name	Defensin-A
Protein Family	Defensin
UniProt Entry Name	DEFA_MYTED

UniProt Comments for Defensin-A	Function: Has antibacterial activity against M.luteus and E.coli. Subcellular location: Secreted. Sequence similarities: Belongs to the invertebrate defensin family. Type 2 subfamily. Mass spectrometry: Molecular mass is 4314.3 Da from positions 1 - 37. Determined by MALDI. Ref.1
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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