RTX-I Toxin Determinant A From Serotypes 5/10 (apxIA) Actinobacillus Pleuropneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	RTX-I toxin determinant A from serotypes 5/10 (apxIA), Recombinant Protein
Full Product Name	Recombinant Actinobacillus pleuropneumoniae RTX-I toxin determinant A from serotypes 5/10 (apxIA), partial
Product Gene Name	apxIA recombinant protein
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	110,130 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 P55129
Species	Actinobacillus pleuropneumoniae (Haemophilus pleuropneumoniae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apxIA recombinant protein	MBS1167916 is a recombinant protein targeting apxIA. Also known as Recombinant Actinobacillus pleuropneumoniae RTX-I toxin determinant A from serotypes 5/10 (apxIA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apxIA 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 apxIA. It may not necessarily be applicable to this product.

NCBI GI #	1710794
NCBI Accession #	P55129.1
UniProt Primary Accession #	P55129
NCBI Official Full Name	RTX-I toxin determinant A from serotypes 5/10
UniProt Protein Name	RTX-I toxin determinant A from serotypes 5/10
UniProt Synonym Protein Names	APX-IA; Cytolysin IA; CLY-IA; Hemolysin IA; HLY-IA
Protein Family	RTX-I toxin determinant
UniProt Gene Name	apxIA
UniProt Synonym Gene Names	clyIA; hlyIA; CLY-IA; HLY-IA

UniProt Comments for apxIA	One of the virulence factors of A.pleuropneumoniae, which has a strong hemolytic activity and is cytotoxic for alveolar macrophages and neutrophils.
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