Hypertrehalosaemic Factor 2 (RhyMa-AKH-1) Rhyparobia Maderae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hypertrehalosaemic factor 2 (RhyMa-AKH-1), Recombinant Protein
Full Product Name	Recombinant Rhyparobia maderae Hypertrehalosaemic factor 2
Product Gene Name	RhyMa-AKH-1 recombinant protein
Product Synonym Names	Recombinant Hypertrehalosaemic factor 2; Hypertrehalosaemic factor 2; Adipokinetic hormone 1; RhyMa-AKH-1 Hypertrehalosaemic neuropeptide 2
Sequence	QVNFSPGWG
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	991 Da
Sequence Positions	1-9aa; 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 P85770
Species	Rhyparobia maderae (Madeira cockroach) (Leucophaea maderae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RhyMa-AKH-1 recombinant protein	MBS1256759 is a recombinant protein targeting RhyMa-AKH-1. Also known as Recombinant Rhyparobia maderae Hypertrehalosaemic factor 2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RhyMa-AKH-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 RhyMa-AKH-1. It may not necessarily be applicable to this product.

NCBI GI #	251764700
NCBI Accession #	P85770.1
UniProt Primary Accession #	P85770
NCBI Official Full Name	Hypertrehalosaemic factor 2
UniProt Protein Name	Hypertrehalosaemic factor 2
UniProt Synonym Protein Names	Adipokinetic hormone 1; RhyMa-AKH-1; Hypertrehalosaemic neuropeptide 2

Protein Family	Hypertrehalosaemic factor
UniProt Gene Name	RhyMa-AKH-1
UniProt Synonym Gene Names	RhyMa-AKH-1
UniProt Entry Name	HTF2_RHYMA
UniProt Comments for RhyMa-AKH-1	Function: Hypertrehalosaemic factors are neuropeptides that elevate the level of trehalose in the hemolymph (trehalose is the major carbohydrate in the hemolymph of insects). Subcellular location: Secreted. Sequence similarities: Belongs to the AKH/HRTH/RPCH family.
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