Juvenile Hormone Esterase, Isoform B (JH esterase) Trichoplusia Ni Recombinant Protein

PRODUCT OVERVIEW

Product Name	Juvenile hormone esterase, isoform B (JH esterase), Recombinant Protein
Full Product Name	Recombinant Trichoplusia ni Juvenile hormone esterase, isoform B
Product Gene Name	JH esterase recombinant protein
Sequence	LPSLSADAEA PSKIDTAYYN GTKTXXAPVY QYQFGVGXIE XLTYVFKGSQ YQDIESPTAY QSK
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	6,947 Da
Sequence Positions	1-63, Full length protein
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 P30810
Species	Trichoplusia ni (Cabbage looper)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for JH esterase recombinant protein	MBS1241411 is a recombinant protein targeting JH esterase. Also known as Recombinant Trichoplusia ni Juvenile hormone esterase, isoform B. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of JH esterase 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 JH esterase. It may not necessarily be applicable to this product.

NCBI GI #	400093
NCBI Accession #	P30810.1
UniProt Primary Accession #	P30810
NCBI Official Full Name	Juvenile hormone esterase, isoform B
UniProt Protein Name	Juvenile hormone esterase, isoform B
Protein Family	Juvenile hormone esterase
UniProt Gene Name	JH esterase

UniProt Synonym Gene Names	JHE-B
UniProt Comments for JH esterase	JH esterase plays a crucial role in the decrease of JH activity in lepidopteran insects, by hydrolyzing the methyl ester of JH. It is also involved in the transport of JH.
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