I-Kappa-B Like Protein H1 (H4) Microplitis Demolitor Bracovirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	I-Kappa-B like protein H1 (H4), Recombinant Protein
Full Product Name	Recombinant Microplitis demolitor bracovirus I-Kappa-B like protein H1 (H4)
Product Gene Name	H4 recombinant protein
Product Synonym Gene Name	H4
Sequence	MMRYYIYVQY WKRFLRLVRS FHWATSNVLL FKSDFGDTFK MRDYNLYEML SARNGSGGTY FHEACQANSI ALLWRAAGML DESHPRILNI RDYKGAQCTH IIATSNVSCS IDMMNIVLQL GADINGQEGL AGLTPLHICV NKKNYALAEW LCQAPGIDVK VENFGKETPY DLACKMEDRK MMKIFEERSK KM
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	22,163 Da
Sequence Positions	1-192, 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 Q5I144
Species	Microplitis demolitor bracovirus (isolate Webb) (MdBV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for H4 recombinant protein	MBS1468207 is a recombinant protein targeting H4. Also known as Recombinant Microplitis demolitor bracovirus I-Kappa-B like protein H1 (H4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of H4 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 H4. It may not necessarily be applicable to this product.

NCBI GI #	66391226
NCBI GeneID	5075820
NCBI Accession #	YP_239384.1
UniProt Primary Accession #	Q5I144
GenBank Nucleotide #	NC_007035.1
NCBI Official Full Name	viral ankyrin

NCBI Official Symbol	MdBV_sHgp4
UniProt Protein Name	I-Kappa-B like protein H1
Protein Family	Antigen
UniProt Gene Name	H4
NCBI Protein Information	viral ankyrin
UniProt Comments for H4	Suppresses the host immune response through NF-kappa-B inactivation. Possesses ankyrin repeat domains required for NF-kappa-B binding but lacks the regulatory regions required for dissociation from NF-kappa-B and degradation. Therefore, prevents host NF-kappa-B release and subsequent activation.
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