Nucleoside Triphosphatase I (NPH1) Myxoma Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleoside triphosphatase I (NPH1), Recombinant Protein
Full Product Name	Recombinant Myxoma virus Nucleoside triphosphatase I (NPH1), partial
Product Gene Name	NPH1 recombinant protein
Product Synonym Gene Name	NPH1
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	72,623 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 Q9Q8L4
Species	Myxoma virus (strain Lausanne) (MYXV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NPH1 recombinant protein	MBS1355647 is a recombinant protein targeting NPH1. Also known as Recombinant Myxoma virus Nucleoside triphosphatase I (NPH1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NPH1 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 NPH1. It may not necessarily be applicable to this product.

NCBI GI #	9633722
NCBI GeneID	932112
NCBI Accession #	NP_051800.1
UniProt Primary Accession #	Q9Q8L4
GenBank Nucleotide #	NC_001132.2
NCBI Official Full Name	m86L
NCBI Official Symbol	m086L
UniProt Protein Name	Nucleoside triphosphatase I
UniProt Synonym Protein Names	M86L protein; NPH-I; Nucleoside triphosphate phosphohydrolase I; NPH I

Protein Family	Nucleoside triphosphatase
UniProt Gene Name	NPH1
UniProt Synonym Gene Names	NPH I
NCBI Protein Information	nucleoside triphosphatase I/ DNA helicase
UniProt Comments for NPH1	DNA-dependent ATPase required for providing the needed energy to achieve the termination of early transcripts. Acts in concert with the RAP94 subunit of the virion RNA polymerase and the capping enzyme/VTF to catalyze release of UUUUUNU-containing nascent RNA from the elongation complex. NPH-I must bind ssDNA in order to exhibit ATPase activity ().
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