Adenovirus C Serotype 5 Hexon Protein (L3) (PII) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	adenovirus C serotype 5 Hexon protein (L3) (PII), Recombinant Protein
Full Product Name	Recombinant Human adenovirus C serotype 5 Hexon protein (L3), partial
Product Gene Name	PII recombinant protein
Sequence	MLRNDTNDQS FNDYLSAANM LYPIPANATN VPISIPSRNW AAFRGWAFTR LKTKETPSLG SGYDPYYTYS GSIPYLDGTF YLNHTFKKVA ITFDSSVSWP GNDRLLTPNE FEIKRSVDGE GYNVAQCNMT KDWFLVQMLA NYNIGYQGFY IPESYKDRMY SFFRNFQPMS RQVVDDTKYK DYQQVGILHQ HNNSGFVGYL APTMREGQAY PANFPYPLIG KTAVDSITQ
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	108,007 Da
Sequence Positions	633-861aa; Partial-length
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 P04133
Species	Human adenovirus C serotype 5 (HAdV-5) (Human adenovirus 5)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PII recombinant protein	MBS1230421 is a recombinant protein targeting PII. Also known as Recombinant Human adenovirus C serotype 5 Hexon protein (L3), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PII 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 PII. It may not necessarily be applicable to this product.

NCBI GI #	56160544
NCBI Accession #	AP_000211.1
UniProt Primary Accession #	P04133
GenBank Nucleotide #	AC_000008.1
NCBI Official Full Name	hexon
UniProt Protein Name	Hexon protein

UniProt Synonym Protein Names	Protein II
UniProt Gene Name	L3
UniProt Synonym Gene Names	CP-H
UniProt Comments for PII	Major capsid protein that self-associates to form 240 hexon trimers, each in the shape of a hexagon, building most of the pseudo T=25 capsid. Assembled into trimeric units with the help of the chaperone shutoff protein. Transported by pre-protein VI to the nucleus where it associates with other structural proteins to form an empty capsid. Might be involved, through its interaction with host dyneins, in the intracellular microtubule-dependent transport of incoming viral capsid to the nucleus.
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