Nucleoside Triphosphatase Nudi (nudI) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleoside triphosphatase nudI (nudI), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Nucleoside triphosphatase nudI (nudI)
Product Gene Name	nudI recombinant protein
Product Synonym Gene Name	nudI
Sequence	MRQRTIVCPL IQNDGAYLLC KMADDRGVFP GQWALSGGGV EPGERIEEAL RREIREELGE QLLLTEITPW TFSDDIRTKT YADGRKEEIY MIYLIFDCVS ANREVKINEE FQDYAWVKPE DLAHYDLNVA TRKTLRLKGL L
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	16,343 Da
Sequence Positions	1-141, 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 Q8XE00
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nudI recombinant protein	MBS1356574 is a recombinant protein targeting nudI. Also known as Recombinant Escherichia coli O157:H7 Nucleoside triphosphatase nudI (nudI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nudI 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 nudI. It may not necessarily be applicable to this product.

NCBI GI #	15832393
NCBI GeneID	916847
NCBI Accession #	NP_311166.1
UniProt Primary Accession #	Q8XE00
UniProt Secondary Accession #	Q7AC26
GenBank Nucleotide #	NC_002695.1

NCBI Official Full Name	hypothetical protein ECs3139
NCBI Official Symbol	ECs3139
UniProt Protein Name	Nucleoside triphosphatase NudI
UniProt Synonym Protein Names	Nucleotide diphosphatase NudI
Protein Family	Nucleoside triphosphatase
UniProt Gene Name	nudI
NCBI Protein Information	hypothetical protein
UniProt Comments for nudI	Catalyzes the hydrolysis of nucleoside triphosphates, with a preference for pyrimidine deoxynucleoside triphosphates (dUTP, dTTP and dCTP).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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