UPF0345 Protein Pflu_4399 (Pflu_4399) (PFLU_4399) Pseudomonas Fluorescens Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0345 protein PFLU_4399 (PFLU_4399), Recombinant Protein
Full Product Name	Recombinant Pseudomonas fluorescens UPF0345 protein PFLU_4399 (PFLU_4399)
Product Gene Name	PFLU_4399 recombinant protein
Sequence	MFKVNEYFDG TVKSIAFGTA EGPATIGVMA PGEYEFGTAQ REIMHVVSGA LTVKLPDAST WETFAAGSQF NVPANSKFQL KVAVDTAYLC EYRG
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	10,133 Da
Sequence Positions	1-94, 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 C3K0G3
Species	Pseudomonas fluorescens (strain SBW25)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PFLU_4399 recombinant protein	MBS1127588 is a recombinant protein targeting PFLU_4399. Also known as Recombinant Pseudomonas fluorescens UPF0345 protein PFLU_4399 (PFLU_4399). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PFLU_4399 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 PFLU_4399. It may not necessarily be applicable to this product.

NCBI GI #	506365440
NCBI Accession #	WP_015885159.1
UniProt Primary Accession #	C3K0G3
GenBank Nucleotide #	WP_015885159.1
NCBI Official Full Name	MULTISPECIES: hypothetical protein
UniProt Protein Name	Pyrimidine/purine nucleoside phosphorylase

UniProt Synonym Protein Names	Adenosine phosphorylase
Protein Family	UPF0345 protein
UniProt Gene Name	ppnP
UniProt Comments for PFLU_4399	Catalyzes the phosphorolysis of diverse nucleosides, yielding D-ribose 1-phosphate and the respective free bases. Can use uridine, adenosine, guanosine, cytidine, thymidine, inosine and xanthosine as substrates. Also catalyzes the reverse reactions.
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