UPF0345 Protein Azosea28940 (Azosea28940) (AZOSEA28940) Aromatoleum Aromaticum Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0345 protein AZOSEA28940 (AZOSEA28940), Recombinant Protein
Full Product Name	Recombinant Aromatoleum aromaticum UPF0345 protein AZOSEA28940 (AZOSEA28940)
Product Gene Name	AZOSEA28940 recombinant protein
Product Synonym Gene Name	AZOSEA28940
Sequence	MSLTEKFDSV TVATKANVYF DGKCVSHGIV LADGTKKSVG VILPATLTFN TGAPEIMEGV AGSCRVRLKG ESEWTVYGAG ESFNVPANSS FDIEVAGEPY HYVCHFG
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	11,367 Da
Sequence Positions	1-107, 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 Q5P0Z5
Species	Aromatoleum aromaticum (strain EbN1) (Azoarcus sp. (strain EbN1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AZOSEA28940 recombinant protein	MBS1484359 is a recombinant protein targeting AZOSEA28940. Also known as Recombinant Aromatoleum aromaticum UPF0345 protein AZOSEA28940 (AZOSEA28940). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AZOSEA28940 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 AZOSEA28940. It may not necessarily be applicable to this product.

NCBI GI #	499557917
NCBI Accession #	WP_011238700.1
UniProt Primary Accession #	Q5P0Z5
GenBank Nucleotide #	WP_011238700.1

NCBI Official Full Name	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 AZOSEA28940	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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