Thymidine Phosphorylase (deoA) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thymidine phosphorylase (deoA), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis Thymidine phosphorylase (deoA)
Product Gene Name	deoA recombinant protein
Product Synonym Gene Name	deoA
Sequence	MFLAQEIIRK KRNGLVLSAE EIQFFVKGIT TNAVSEGQIA ALGMAVYFND MNMDERIALT TAMRDSGTVL NWQSLNLNGP VIDKHSTGGV GDVISLMLGP MAAACGGYVP MISGRGLGHT GGTLDKFDAI PGYQTEPSSE LFRKVVKDVG VAIIGQTGDL VPADKRFYSI RDNTATVESI SLITASILSK KLACSLDALA MDVKVGSGAF MPTYEASEEL ARSIAAVANG AGTKTTALLT DMNQVLASCA GNALEVKEAI DFLTGAYRNP RLYAVTMGLC AEMLLLGGLA TDEADARAKL NRVLDNGRAA EIFGKMVSGL GGPVDFVENY SKYLPQSQII RPVFADTQGY AHSMDTRELG LAVVTLGGGR RKPGDELDYS VGLTQVCALG DKIDASTPIA VIHAQSEEAF AQAEDAVKKA IHIDEIAPEK TPEIYAYIRA TDL
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	47,016 Da
Sequence Positions	1-443, 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 Q8EHK3
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for deoA recombinant protein	MBS1479407 is a recombinant protein targeting deoA. Also known as Recombinant Shewanella oneidensis Thymidine phosphorylase (deoA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of deoA 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 deoA. It may not necessarily be applicable to this product.

NCBI GI #	24372799
NCBI GeneID	1169045
NCBI Accession #	NP_716841.1
UniProt Primary Accession #	Q8EHK3

UniProt Related Accession #	Q8EHK3
GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	thymidine phosphorylase DeoA
NCBI Official Symbol	deoA
UniProt Protein Name	Thymidine phosphorylase
UniProt Synonym Protein Names	TdRPase
Protein Family	Thymidine phosphorylase
UniProt Gene Name	deoA
NCBI Protein Information	thymidine phosphorylase DeoA
UniProt Comments for deoA	The enzymes which catalyze the reversible phosphorolysis of pyrimidine nucleosides are involved in the degradation of these compounds and in their utilization as carbon and energy sources, or in the rescue of pyrimidine bases for nucleotide synthesis.
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