Nicotinate-Nucleotide Pyrophosphorylase [Carboxylating] (qprt) Nematostella Vectensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nicotinate-nucleotide pyrophosphorylase [carboxylating] (qprt), Recombinant Protein
Full Product Name	Recombinant Nematostella vectensis Nicotinate-nucleotide pyrophosphorylase [carboxylating] (qprt)
Product Gene Name	qprt recombinant protein
Sequence	MADESAFRNF SLLIPKVVIE KHVETWLKED TPSFDYGGFV VGSSVEKAVL LCKSDGVLAG VPFFNAIFEK LDCKVEWQNN EGDPIKAVSV IGTVTGPVNK ILLGERVALN CISRASGIAT KSRSLTNLKE QYQWHGEIAG TRKTTPGFRV VEKYALEVGG VSTHRYDLST MIMLKDNHIW STGNITRAVK NARRVGGFSM KIEVECRSLE EALEAAHAGA EIVMLDNFEP QALHTTAKTL KGKCAGVIIE ASGGINDSSI AQYFGPHVDV ISLGCLTQGY KPVNFSLKI
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	31,464 Da
Sequence Positions	1-289, 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 A7SG73
Species	Nematostella vectensis (Starlet sea anemone)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for qprt recombinant protein	MBS1018136 is a recombinant protein targeting qprt. Also known as Recombinant Nematostella vectensis Nicotinate-nucleotide pyrophosphorylase [carboxylating] (qprt). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of qprt 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 qprt. It may not necessarily be applicable to this product.

NCBI GI #	156373006
NCBI GeneID	5508760
NCBI Accession #	XP_001629325.1
UniProt Primary Accession #	A7SG73

UniProt Related Accession #	A7SG73
GenBank Nucleotide #	XM_001629275.1
NCBI Official Full Name	predicted protein, partial
NCBI Official Symbol	NEMVEDRAFT_v1g117116
UniProt Protein Name	Nicotinate-nucleotide pyrophosphorylase [carboxylating]
UniProt Synonym Protein Names	Quinolinate phosphoribosyltransferase [decarboxylating]; QAPRTase
Protein Family	Nicotinate-nucleotide pyrophosphorylase
UniProt Gene Name	qprt
UniProt Synonym Gene Names	QAPRTase
NCBI Protein Information	hypothetical protein
UniProt Comments for qprt	Involved in the catabolism of quinolinic acid (QA).
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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