

Orotate phosphoribosyltransferase Recombinant Protein | pyrE recombinant protein

Recombinant Laribacter hongkongensis (strain HLHK9) Orotate phosphoribosyltransferase

CATALOG # AAA114731	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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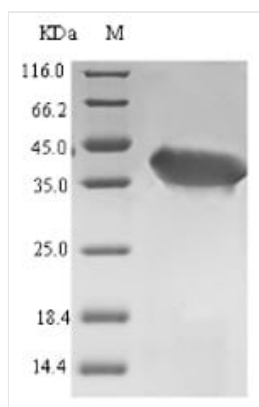
PRODUCT SYNONYMS

Orotate phosphoribosyltransferase; Recombinant Laribacter hongkongensis (strain HLHK9) Orotate phosphoribosyltransferase; OPRT; OPRTase; pyrE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-213. Full Length
Sequence	MSDFRQDFIR FAVEEQVLR FGEVTKAGRP SPYFFNAGLF NHGASLLSLA RFYARSISES GIAFDMLFGP AYKGIVLAGA TAMMLAEQGR DVPFAFNKE AKDHGEGGTL IGAPLKGRVL IIDDISAGT SVRESVEIIR ANGAEPAGVA IALDRMERGQ GELSATQEVA QKFGPLPVVAI ASLDDLLGFL AGSPDLADNL TRVEAYRTQY GVR
Species	Laribacter hongkongensis (strain HLHK9)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for pyrE recombinant protein	Catalyzes the transfer of a ribosyl phosphate group from 5-phosphoribose 1-diphosphate to orotate, leading to the formation of orotidine monophosphate (OMP).
References	"The complete genome and proteome of Laribacter hongkongensis reveal potential mechanisms for adaptations to different temperatures and habitats." Woo P.C.Y., Lau S.K.P., Tse H., Teng J.L.L., Curreem S.O., Tsang A.K.L., Fan R.Y.Y., Wong G.K.M., Huang Y., Loman N.J., Snyder L.A.S., Cai J.J., Huang J.-D., Mak W., Pallen M.J., Lok S., Yuen K.-Y. PLoS Genet. 5:E1000416-E1000416(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	502027457
NCBI Accession #	WP_012698653.1
NCBI GenBank Nucleotide #	WP_012698653.1
UniProt Accession #	C1D6F5
Molecular Weight	38.9 kDa
NCBI Official Full Name	orotate phosphoribosyltransferase
UniProt Protein Name	Orotate phosphoribosyltransferase
UniProt Gene Name	pyrE
UniProt Synonym Gene Names	OPRT; OPRTase
UniProt Entry Name	PYRE_LARHH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pyre-recombinant-protein-e-coli/114731>