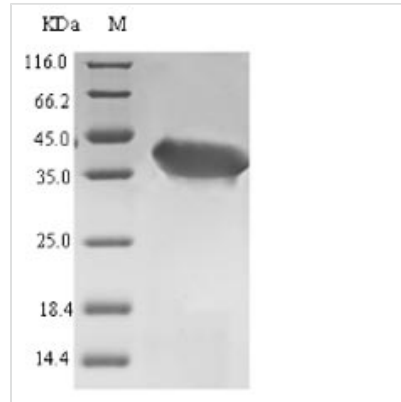




Recombinant Laribacter hongkongensis Orotate phosphoribosyltransferase (pyrE)

Product Code	CSB-EP506933LNO
Relevance	Catalyzes the transfer of a ribosyl phosphate group from 5-phosphoribose 1-diphosphate to orotate, leading to the formation of orotidine monophosphate (OMP).
Abbreviation	Recombinant Laribacter hongkongensis pyrE protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	C1D6F5
Alias	Short name:OPRT Short name:OPRTase
Product Type	Recombinant Protein
Immunogen Species	Laribacter hongkongensis (strain HLHK9)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSDFRQDFIRFAVEEQVLRFGFVTKAGRPSPYFFNAGLFNHGASLLSLARFY ARSISESGIAFDMLFGPAYKGIVLAGATAMMLAEQGRDVPFAFNRKEAKDHGE GGTLIGAPLKGRVLIIDVISAGTSVRESVEIIRANGAEPAGVAIALDRMERGQG ELSATQEVAQKFGPLPVVAIASLDDLLGFLAGSPDLADNLTRVEAYRTQYGVR
Research Area	Others
Source	E.coli
Target Names	pyrE
Expression Region	1-213aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	38.9kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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