



Recombinant *Nitrosomonas europaea* Orotate phosphoribosyltransferase (pyrE)

Product Code	CSB-EP767568NHH
Abbreviation	pyrE
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.	Q820K1
Product Type	Recombinant Protein
Immunogen Species	<i>Nitrosomonas europaea</i> (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MSDFQWRFID FALQYDVLRF GNFRTKAGRP SPYFFNAGLF NDGFALKQLG QFYAQAILAS GIRFDALFGP AYKGIPLVST IAIALAEAGH NHPFSFNRKE IKDHGEGGDI VGAPLAGRIL IVDDVVSAGL SVGESITLIH AAGATPCGIM VALDRMEKGK SECSTLQEIK NKYDIPVISL ITLDDIIAYL HTRQDLVHHI PAIETYRTFY GAKVPDTVNH TGRSTSV
Source	E.coli
Target Names	pyrE
Protein Names	Recommended name: Orotate phosphoribosyltransferase Short name= OPRT Short name= OPRTase EC= 2.4.2.10
Expression Region	1-227
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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	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.