



Recombinant Prochlorococcus marinus Pyridoxine/pyridoxamine 5'-phosphate oxidase (pdxH)

Product Code	CSB-EP763379EYO
Abbreviation	pdxH
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.	Q7V3Y6
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus (strain MIT 9313)
Purity	≥85% (SDS-PAGE)
Sequence	MGAPSPDQDI AAIRRNYQRA SLRSVDLEAD PVEQFRRWLQ QAIAADLQES TAMVLSTFDG KRPSRTVLL KAFDKRGFVF FTNYGSRKAE DISAHPNVSL LFPWYDLERQ VAIMGPAERI SRAESQAYFS SRPFGSRLGV WVSQQSQVIS SRQILEMKWQ EMNRRFANGE VLPPEFWGGF RVPTEFEFW QGRENRLNDR FRYRPQQDSN HAQTWRIERL AP
Source	E.coli
Target Names	pdxH
Protein Names	Recommended name: Pyridoxine/pyridoxamine 5'-phosphate oxidase EC= 1.4.3.5 Alternative name(s): PNP/PMP oxidase Short name= PNPOx Pyridoxal 5'-phosphate synthase
Expression Region	1-222
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.