



Recombinant Arabidopsis thaliana Uridine 5'-monophosphate synthase (PYRE-F)

Product Code	CSB-EP673720DOA-B
Abbreviation	PYRE-F
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.	Q42586
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MSAMEALILQ LHEIGAVKFG NFKLKSGIFS PVYIDRLRIV SYPSSLTQIS QTLISLPPS ATFDVVCVGP Y TALPIATVV SVSNGIPMLM RRKEIKDYGT SKAIEGIFEK DQTCLIEDL VTSGASVLET AAPLRAVGLK VSDAVVLIDR QQGGRENLA E NGIKLHSMIM L TDMVRVLKE KGKIEVEVEV NLLKFLEENR RVSVP SVEKP KPKPRVLGFK ERSELSKNPT GK KLFDIMLK KETNLCLAAD VGTA AELLDI ADKVGPEICL LKTHVDILPD FTPDFGSKLR AIADKHKFLI FEDRKFADIG NVTMQYEGG IFKILEWADI INAHVISGPG IVDGLKLGGM PRGRGLLLLA EMSSAGNLAT GDYTAAAVKI ADAHSDFVMG FISVNPASWK CGYVYPSMIH ATPGVQMVKG GDALGQQYNT PHSVITERGS DIIIVGRGII KAENPAETAH EYRVQGW NAY LEKCSQ
Source	E.coli
Target Names	PYRE-F
Protein Names	Recommended name: Uridine 5'-monophosphate synthase Short name= UMP synthase Including the following 2 domains: Orotate phosphoribosyltransferase Short name= OPRTase EC= 2.4.2.10 Orotidine 5'-phosphate decarboxylase
Expression Region	1-476
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.



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