



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

<b>Product Code</b>	CSB-MP673720DOA
<b>Abbreviation</b>	PYRE-F
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q42586
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSAMEALILQ LHEIGAVKFG NFKLKSGIFS PVYIDLR LIV SYPSSLTQIS QTLISLPPS ATFDVVCVGP Y TALPIATVV SVSNGIPMLM RRKEIKDYGT SKAIEGIFEK DQTCLIEDL VTSGASVLET AAPLRAVGLK VSDAVVLIDR QQGGRENLA E NGIKLHSMIM LTDMVRVLKE KGKIEVEVEV NLLKFLEENR RVSVP SVEKP KPKPRVLGFK ERSELSKNPT GK KLFDIMLK KETNLCLAAD VGTAAELLDI ADKVGPEICL LKTHVDILPD FTPDFGSKLR AIADKHKFLI FEDRKFADIG NVTMQYEGG IFKILEWADI INAHVISGPG IVDGLKLGGM PRGRGLLLLA EMSSAGNLAT GDYTAAAVKI ADAHSDFVMG FISVNPASWK CGYVYPSMIH ATPGVQMVKG GDALGQQYNT PHSVITERGS DIIIVGRGII KAENPAETAH EYRVQGW NAY LEKCSQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PYRE-F
<b>Protein Names</b>	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
<b>Expression Region</b>	1-476
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.