



Recombinant Undecaprenyl pyrophosphate synthase (uppS)

Product Code	CSB-BP722974SMZ
Abbreviation	uppS
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.	Q5X9U4
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MFGLKAKSTK KVLGSIPKHI GIIMDGNGRW AKKRLKPRVF GHKAGMDALQ EVTITASELG VKVLTVYAFS TENWSRPQDE VSFIMNLPVA FFDKYVPVLH ENNVKIQMIG ETSRLPEDTL AALNAAIDKT KRNTGLILNF ALNYGGRAEI TSAVRFIAQD VLDAKLNPGD ITEDLIANYL MTDHLPYLYR DPDLIIRTSG ELRLSNFLPW QSAYSEFYFT PVLWPDFKKA ELLKAIADYN RRQRRFGKV
Source	Baculovirus
Target Names	uppS
Protein Names	Recommended name: Undecaprenyl pyrophosphate synthase Short name= UPP synthase EC= 2.5.1.31 Alternative name(s): Di-trans,poly-cis-decaprenylcistransferase Ditrans,polycis-undecaprenyl-diphosphate synthase Undecaprenyl diphos
Expression Region	1-249
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.