



Recombinant Arabidopsis thaliana Geranylgeranyl pyrophosphate synthase 4 (GGPP4)

Product Code	CSB-EP865925DOA-B
Abbreviation	GGPP4
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.	Q9SLG2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	TLKGRLSP ANTRRLIRLL HIPIKSPVAA AIFARKDTRE FLDSSIKLVN EEDDFGFSFD FKPYMISKAE TINRALDEAI PLIEPLNIHK AMRYAILAGG KRVRPILCLA ACELVGGEER LAIQACAWE MIHTMSLIKD DLPCMDNDDL RRGKPTTHKV FGESVAILSG GALLALAFEH LTEADVSSKK MVRVAVKELAK SIGTKGLVAG QAKDLSSEGL EQNDVGLEDL EYIHVHKTGS LLEASAVIGA VIGGGTEKEI EKVRNFARCI GLLFQVDDI LDETKSSEEL GKTAGKDKVA GKLTYPKVIK VEKSKEFVEK LKRDAREHLQ GFDSKVKPL IALTNFIANR NH
Source	E.coli
Target Names	GGPP4
Protein Names	Recommended name: Geranylgeranyl pyrophosphate synthase 4 Short name= GGPP synthase 4 Short name= GGPS4 EC= 2.5.1.- Alternative name(s): (2E,6E)-farnesyl diphosphate synthase 4 Dimethylallyltranstransferase 4 EC= 2.
Expression Region	23-372
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 of Mature 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.