



Recombinant Arabidopsis thaliana Geranylgeranyl pyrophosphate synthase 12, chloroplastic (At3g32040)

Product Code	CSB-EP885348DOA-B
Abbreviation	At3g32040
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.	Q9LHR4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	C ALTSQGGKDM IPPKGKSNDR NFAFDFKSYM IRKAESVSMA LNVSVPPQDP LAIQEAVRYS LLAGGKRVRP LLCIAACELV GGDEATAMSA ACAVEMIHTS SLIHDDLPCM DDADLRRGKP TNHKVFGHEM AVLAGDALLA LAFEHMTVVS SGLVAPERMI RSVTELAKAI GTKGLVAGQV SDLCSQGLNP YDVGLERLEF IHLHKTAALL EAAAVLGAI GGGTEEEIQK LRKYGRCIGL LFQVVDDIID VTESTEELGK TAGKDV MARK LTYPRLIGLE RSREVAEKL R REAAEQLLGF DSNKVAPLVA LASYIACRHN
Source	E.coli
Target Names	At3g32040
Protein Names	Recommended name: Geranylgeranyl pyrophosphate synthase 12, chloroplastic Short name= GGPP synthase 12 Short name= GGPS12 EC= 2.5.1.- Alternative name(s): (2E,6E)-farnesyl diphosphate synthase 12 Dimethylallyltransferase
Expression Region	40-360
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.