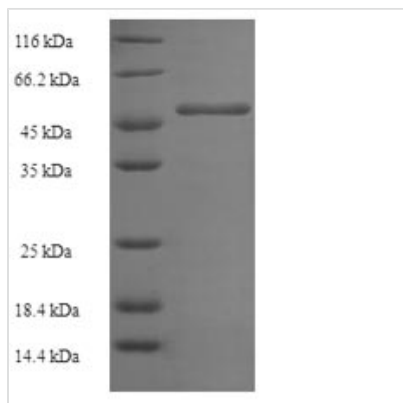




Recombinant Human Geranylgeranyl pyrophosphate synthase (GGPS1)

Product Code	CSB-EP009393HU
Relevance	Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins.
Abbreviation	Recombinant Human GGPS1 protein
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.	O95749
Alias	(2E,6E)-farnesyl diphosphate synthaseDimethylallyltranstransferase (EC:2.5.1.1)Farnesyl diphosphate synthaseFarnesyltranstransferase (EC:2.5.1.29)Geranylgeranyl diphosphate synthaseGeranyltranstransferase (EC:2.5.1.10)
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEKTQETVQRILLEPYKYLLQLPGKQVVRTKLSQAFNHWLKVPEDKLQIIIEVTE MLHNASLLIDDIEDNSKLRRGFPVAHSIYGIPSVINSANYVYFLGLEKVLTLDHP DAVKLFTRQLLELHQQGGLDIYWRDNYTCPTEEYKAMVLQKTGGLFGLAVG LMQLFSDYKEDLKPLLNTLGLFFQIRDDYANLHSKEYSENKSFCEDLTEGKFSF PTIHAIWSRPESTQVQNILRQRTENIDIKKYCVHYLEDVGSFEYTRNTLKELEAK AYKQIDARGGNPELVALVKHLSKMFKEENE
Research Area	Cancer
Source	E.coli
Target Names	GGPS1
Expression Region	1-300aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	50.9kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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