

Recombinant Human GGPS1 Protein (M1-E300), Tag Free

Cat. No. GGPS1-0282H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-GGPS1(M1-E300 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-E300
Description	Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

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Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [GGPS1 geranylgeranyl diphosphate synthase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [GGPS1](#)

Synonyms GGPS1; geranylgeranyl diphosphate synthase 1; geranylgeranyl pyrophosphate synthase; GGPPS1; GGPPSase; GGPP synthase; geranyltranstransferase; farnesyltranstransferase; dimethylallyltranstransferase; farnesyl diphosphate synthase; (2E,6E)-farnesyl diphosphate synthase; GGPPS;

Gene ID [9453](#)

mRNA Refseq [NM_001037277](#)

Protein Refseq [NP_001032354](#)

MIM [606982](#)

UniProt ID [O95749](#)

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