

Geranylgeranyl Diphosphate Synthase 1 Recombinant Protein | GGPS1 recombinant protein

Recombinant Human Geranylgeranyl Diphosphate Synthase 1

CATALOG # AAA38833	HOST E Coli
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PRODUCT SYNONYMS

Geranylgeranyl Diphosphate Synthase 1; Recombinant Human Geranylgeranyl Diphosphate Synthase 1; GGPS1 Human; Geranylgeranyl Diphosphate Synthase 1 Human Recombinant; GGPPS; GGPPS1; GGPP synthetase; GGPS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	GGPS1 Human recombinant (1mg/ml) protein solution contains 20mM Tris pH-8, 1mM DTT & 10% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMEK TQETVQRILL EPYKYLQLP GKQVRTKLSQ AFNHWLKVPE DKLQIIIEVT EMLHNALLI DDIEDNSKLR RGFPVAHSIY GIPSVINSAN VVYFLGLEKV LTLDHPDAVK LFTRQLLELH QGQGLDIYWR DNYTCPTEEE YKAMVLQKTG GLFGLAVGLM QLFSDYKEDL KPLLNTLGLF FQIRDDYANL HSKEYSENKS FCEDLTEGKF SFPTIHAIWS RPESTQVQNI LRQRTEENIDI KKYCVHYLED VGSFEYTRNT LKELEAKAYK QIDARGGNPE LVALVKHLSK MFKEENE
Sequence Length	300
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GGPS1 recombinant protein	GGPS1 Recombinant Human produced in E Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-300 a.a.) and having a molecular mass of 37 kDa. The GGPS1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for GGPS1 recombinant protein	Enzymes ; Synthase

NCBI AND UNIPROT INFORMATION

NCBI GI #	83700220
NCBI GeneID	9453
NCBI Accession #	NP_001032354.1
NCBI GenBank Nucleotide #	NM_001037277.1
UniProt Accession #	O95749 ; Q5T2C8 ; Q6NW19 ; A8MVQ8
NCBI Official Full Name	geranylgeranyl pyrophosphate synthase
NCBI Official Synonym Full Names	geranylgeranyl diphosphate synthase 1

NCBI Official Symbol	GGPS1
NCBI Official Synonym Symbols	GGPPS; GGPPS1
NCBI Protein Information	geranylgeranyl pyrophosphate synthase; (2E,6E)-farnesyl diphosphate synthase; GGPP synthase; GGPPSase; dimethylallyltranstransferase; farnesyltranstransferase; geranyltranstransferase
UniProt Protein Name	Geranylgeranyl pyrophosphate synthase
UniProt Gene Name	GGPS1
UniProt Synonym Gene Names	GGPP synthase; GGPPSase
UniProt Entry Name	GGPPS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ggps1-recombinant-protein-e-coli/38833>