

## Geranylgeranyl Diphosphate Synthase 1 Human Recombinant

<b>Item Number</b>	rAP-1846
<b>Synonyms</b>	GGPPS, GGPPS1, GGPP synthetase.
<b>Description</b>	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 a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O95749
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MEKTQETVQR ILLEPYKYLQ LPLGKQVVRTK LSQAFNHWLK VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFVVAH SIYGIPSVIN SANYVYFLGL EKVLTLDHPD AVKLFTRQLL ELHQGQGLDI YWRDNYTCPT EEEYKAMVLQ KTGGFLGLAV GLMQLFSDYK EDLK- PLLNTL GLFFQIRDDY ANLHSKEYSE NKSFCEDLTE GKFSFPTIHA IWSRPESTQV QNILRQRTE IDIKKYCVHY LEDVGSFEYT RNTLKELEAK AYKQIDARGG NPELVALVKH LSKMFKEENE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	GGPS1 Human recombinant (1mg/ml) protein solution contains 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**