

Recombinant Human GGPS1 Protein

Catalog #	Source	Reactivity	Applications
CRP1621	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human GGPS1 Protein is produced by our E.coli expression system and the target gene encoding Met1-Glu300 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	GGPS1		
Alternative Names	Geranylgeranyl pyrophosphate synthase; GGPP synthase; GGPPSase; (2E6E-farnesyl diphosphate synthase; Dimethylallyltranstransferase; Farnesyl diphosphate synthase; Farnesyltranstransferase; Geranylgeranyl diphosphate synthase; Geranyltranstransferase		
Entrez Gene	9453 (Human)		
SwissProt	O95749 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MGSSHHHHHH SSGLVPRGSH MEKTQETVQR ILLEPYKYL QLPGKQVRTK LSQAFNHWLK</p> <p>VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFPVAH SIYGIPSVIN SANYVYFLGL</p> <p>EKVLTLDHPD AVKLFTRQLL ELHQGGGLDI YWRDNYTCPT EEEYKAMVLQ KTGGLFGLAV</p> <p>GLMQLFSDYK EDLKPLLNTL GLFFQIRDDY ANLHSKEYSE NKSCFEDLTE GKFSFPTIHA</p> <p>IWSRPESTQV QNILRQR TEN IDIKKYCVHY LEDVGSFEYT RNTLKELEAK AYKQIDARGG</p> <p>NPELVALVKH LSKMFKEENE</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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