

Product Data Sheet

Recombinant Human GGPS1 Protein

Catalog #	Source	Reactivity	Applications
CST1591	E. coli	H	
Description	Recombinant Human GGPS1 Protein is produced by E. coli expression system and the target gene encoding Met1-Glu300 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GGPS1		
Alternative Names	Geranylgeranyl pyrophosphate synthase; GGPP synthase; GGPPSase; (2E,6E)-farnesyl diphosphate synthase; Dimethylallyltranstransferase; Farnesyl diphosphate synthase; Farnesyltranstransferase; Geranylgeranyl diphosphate synthase; Geranyltranstransferase		
Entrez Gene	9453		
SwissProt	O95749		
Purity			
Chemical Structure	MEKTQETVQR ILLEPYKYLQ LPLGKQVTRK LSQAFNHWLK VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFPVAH SIYGIPSVIN SANYVYFLGL EKVLTLDHPD AVKLFTRQLL ELHQGGGLDI YWRDNYTCPT EEEYKAMVLQ KTGGFLGLAV GLMQLFSDYK EDLPLNLT GLFFQIRDDY ANLHSKEYSE NKSFCELDTE GKFSFPTIHA IWSRPESTQV QN		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. 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

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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order@cohesionbio.com

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