

Recombinant Mouse Ggps1 Protein, Myc/DDK-tagged

Cat. No. Ggps1-3202M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length geranylgeranyl diphosphate synthase 1 (cDNA clone MGC:11417 IMAGE:2651229), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	27.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name [Ggps1 geranylgeranyl diphosphate synthase 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Ggps1](#)

Synonyms [Ggps1](#); geranylgeranyl diphosphate synthase 1; C79210; AI843169; 1810026C22Rik; 9530089B04Rik; geranylgeranyl pyrophosphate synthase; (2E,6E)-farnesyl diphosphate synthase; GGPP synthase; GGPP synthetase; GGPPSase; dimethylallyltranstransferase; farnesyl diphosphate synthase; farnesyltranstransferase; geranylgeranyl pyrophosphate synthetase; geranyltranstransferase; EC 2.5.1.1; EC 2.5.1.10; EC 2.5.1.29

Gene ID [14593](#)

mRNA Refseq [NM_010282](#)

Protein Refseq [NP_034412](#)

UniProt ID [Q9WTN0](#)

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