Recombinant Mouse Gmps Protein, Myc/DDK-tagged

Cat. No. Gmps-3252M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanine monophosphate synthetase (Gmps), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the de novo synthesis of guanine nucleotides which are not only essential for DNA and RNA synthesis, but also provide GTP, which is involved in a number of cellular processes important for cell division.
Molecular Mass	77.2 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.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Gmps guanine monophosphate synthetase [Mus musculus (house mouse)]
Official Symbol	Gmps
Synonyms	GMPS; guanine monophosphate synthetase; GMP synthase [glutamine-hydrolyzing]; GMP synthase; GMP synthetase; glutamine amidotransferase; guanine monphosphate synthetase; AA591640; AI047208
Gene ID	229363
mRNA Refseq	NM_001033300
Protein Refseq	NP_001028472
UniProt ID	Q3THK7

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