

Recombinant Mouse Gmpr Protein, Myc/DDK-tagged

Cat. No. Gmpr-3251M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanosine monophosphate reductase (Gmpr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	A similar gene in human encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides.
Molecular Mass	37.5 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

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Gene Name	Gmpr guanosine monophosphate reductase [Mus musculus (house mouse)]
Official Symbol	Gmpr
Synonyms	Gmpr; guanosine monophosphate reductase; GMPR 1; AV028449; 2310004P21Rik; GMP reductase 1; guanosine 5'-monophosphate oxidoreductase 1; guanosine monophosphate reductase 1; EC 1.7.1.7
Gene ID	66355
mRNA Refseq	NM_025508
Protein Refseq	NP_079784
UniProt ID	Q9DCZ1

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