

Recombinant Human GMPPB, His-tagged

Cat. No. GMPPB-13338H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GMPPB protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-360a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GMPPB GDP-mannose pyrophosphorylase B [Homo sapiens]
Official Symbol	GMPPB
Synonyms	GMPPB; GDP-mannose pyrophosphorylase B; mannose-1-phosphate guanylyltransferase beta; KIAA1851; mannose-1-phosphate guanylyltransferase; GTP-mannose-1-phosphate guanylyltransferase beta;

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Gene ID	29925
mRNA Refseq	NM_013334
Protein Refseq	NP_037466
UniProt ID	Q9Y5P6
Chromosome Location	3p21.31
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Biosynthesis of the N-glycan precursor (dolichol lipid-linked oligosaccharide, LLO) and transfer to a nascent protein, organism-specific biosystem; Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	GTP binding; mannose-1-phosphate guanylyltransferase activity; nucleotide binding; nucleotidyltransferase activity; transferase activity;