

Recombinant Human GMPPB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GMPPB-6086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMPPB MS Standard C13 and N15-labeled recombinant protein (NP_068806) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is thought to encode a GDP-mannose pyrophosphorylase. The encoded protein catalyzes the conversion of mannose-1-phosphate and GTP to GDP-mannose, a reaction involved in the production of N-linked oligosaccharides. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Molecular Mass	39.9 kDa
AA Sequence	MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVILAVSYMSQ VLEKEMKAQEQR LGIRISMSHEEEPLGTAGPLALARDLLSETADPFFVLNSDVICDFP FQAMVQFHRHHGQEGSILVTKVEEPSKYGVVCEADTGRIHRFVEKPQVFVSNKIN AGMYILSPA VLRRIQLQPTSIEKEVFPIMAKEGQLYAMELQGFWM DIGQPKDFLTGM CLFLQSLRQKQPERLCSGPGIVGNVLVDPSARIGQNC SIGPNVSLGPGV VVEDGVCI RRCTVLRDARIRSHSWLESCIVGWRCRVGQWVRMENVTVLGEDVIVNDELYLNGA SVLPHKSIGESVPEPRIIMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

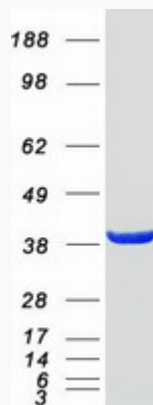
GENE INFORMATION

Gene Name	GMPPB GDP-mannose pyrophosphorylase B [Homo sapiens (human)]
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;
Gene ID	29925
mRNA Refseq	NM_021971
Protein Refseq	NP_068806
MIM	615320
UniProt ID	Q9Y5P6

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SDS-PAGE

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