

Recombinant Full Length Human GDP-mannose pyrophosphorylase B Protein, Flag tagged

Cat. No. GMPPB-18HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human GDP-mannose pyrophosphorylase B (GMPPB), transcript variant 2 with C-terminal MYC/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	1-360aa
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.
Tag	C-Flag
Molecular Mass	39.7 kDa
AA Sequence	MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVILAVSYMSQ VLEKEMKAQEQR LGIRISMSEEEPLGTAGPLALARDLLSETADPFFVLNSDVICDFP FQAMVQFHRHHGQEGSILVTKVEEPSKYGVVVCEADTGRIHRFVEKPQVFVSNKIN AGMYILSPAVLRRIQLQPTSIEKEVFPIMAKEGQLYAMELQGFWM DIGQPKDFTGM CLFLQSLRQKQPERLCSGPGIVGNVLVDPSARIGQNCSIGPNVSLGPGVVVEDGVCI

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	RRCTVLRDARIRSHSWLESCIVGWRCRVGQWVRMENVTVLGEDVIVNDELYLNGA SVLPHKSIGESVPEPRIIMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method

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

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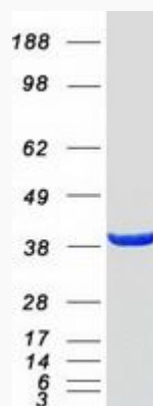
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Protein Refseq NP_068806

MIM 615320

UniProt ID Q9Y5P6

SDS-PAGE



Coomassie blue staining of purified GMPPB protein. The protein was produced from HEK293T cells transfected with GMPPB cDNA clone using MegaTran 2.0.

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