

## Recombinant Human GMPPB Protein, GST-tagged

Cat. No. GMPPB-5018H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GMPPB full-length ORF ( AAH01141.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	66.3 kDa
<b>AA Sequence</b>	MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVILAVSYMSQ VLEKEMKAQEQRGIRISMSHEEEPLGTAGPLALARDLLSETADPFFVLNSDVICDFP FQAMVQFHRHHGQEGSILVTKVEEPSKYGVVVCEADTGRIHRFVEKPQVFVSNKIN AGMYILSPAVLRRRIQLQPTSIEKEVFPIMAKEGQLYAMELQGFWMDIGQPKDFLTGM CLFLQSLRQKQPERLCSGPGIVGNVLVDPSARIGQNCSIGPNVSLGPGVVVEDGVCI RRCTVLRDARIRSHSWLESCIVGWRCRVGQWVRMENVTVLGEDVIVNDELYLNGA SVLPHKSIGESVPEPRIIM
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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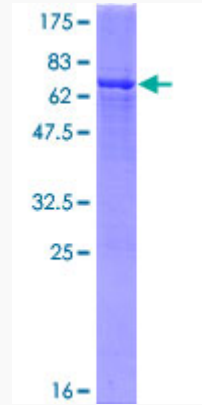
	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GMPPB GDP-mannose pyrophosphorylase B [ Homo sapiens ]
<b>Official Symbol</b>	GMPPB
<b>Synonyms</b>	GMPPB; GDP-mannose pyrophosphorylase B; mannose-1-phosphate guanylyltransferase beta; KIAA1851; mannose-1-phosphate guanylyltransferase; GTP-mannose-1-phosphate guanylyltransferase beta;
<b>Gene ID</b>	29925
<b>mRNA Refseq</b>	NM_013334
<b>Protein Refseq</b>	NP_037466
<b>MIM</b>	615320
<b>UniProt ID</b>	Q9Y5P6

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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