

Recombinant Full Length Human GMPPB Protein, GST-tagged

Cat. No. GMPPB-5418HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GMPPB full-length ORF (AAH01141.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	360 amino acids
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. [provided by RefSeq]
Molecular Mass	66.3 kDa
AA Sequence	MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVILAVSYMSQ VLEKEMKAQEQR LGIRISMSHEEEPLGTAGPLALARDLLSETADPFFVLNSDVICDFP FQAMVQFHRHHGQEGSILVTKVEEPSKYGVVVCEADTGRIHRFVEKPPQVFVSNKIN AGMYILSPAFLRRIQLQPTSIEKEVFPIMAKEGQLYAMELQGFWMDIGQPKDFLTGM CLFLQSLRQKQPERLCSGPGIVGNLVDPSARIGQNCSIGPNVSLGPGVVVEDGVCI RRCTVLRDARIRSHSWLESCIVGWRCRVGQWVRMENVTVLGEDVIVNDELYLNGA SVLPHKSIGESVPEPRIIM

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;
Gene ID	29925
mRNA Refseq	NM_013334
Protein Refseq	NP_037466
MIM	615320
UniProt ID	Q9Y5P6

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