

Recombinant Full Length Human GMPPA Protein, GST-tagged

Cat. No. GMPPA-5415HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GMPPA full-length ORF (NP_037467.2, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	420 amino acids
Description	This gene is thought to encode a GDP-mannose pyrophosphorylase. This enzyme catalyzes the reaction which converts mannose-1-phosphate and GTP to GDP-mannose which is involved in the production of N-linked oligosaccharides. [provided by RefSeq]
Molecular Mass	72.7 kDa
AA Sequence	MLKAVILIGGPQKGTRFRPLSFVDPKPLFPVAGVPMIQHHIEACAQVPGMQEILLIGFY QPDEPLTQFLEAAQQEFNLPVRYLQEFAPLGTGGGLYHFRDQILAGSPEAFFVLNAD VCSDFPLSAMLEAHRQRHPFLLLGTANRTQSLNYGCIVENPQTHEVLHYVEKPST FISDIINCGIYLFSPALKPLRDVFQRNQQDQGLEDSPGLWPGAGTIRLEQDVFSALA GGQIYVHLTDGIWSQIKSAGSALYASRLYLSRYQDTHPERLAKHTPGGPWIRGNV YIHPTAKVAPSAVLGPNVSIKGVTVGEGVRLRESIVLHGATLQEHTCVLHSIVGWG STVGRWARVEGTPSDPNPNDPRARMDSSESLFKDGKLLPAITILGCRVRIPAEVLILNS IVLPHKELSRSTFNQIIL

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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	GMPPA GDP-mannose pyrophosphorylase A [Homo sapiens]
Official Symbol	GMPPA
Synonyms	GMPPA; GDP-mannose pyrophosphorylase A; mannose-1-phosphate guanylyltransferase alpha; mannose-1-phosphate guanylyltransferase (GDP); GTP-mannose-1-phosphate guanylyltransferase alpha;
Gene ID	29926
mRNA Refseq	NM_013335
Protein Refseq	NP_037467
MIM	615495
UniProt ID	Q96IJ6

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