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

Cat. No. GMPPA-1622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMPPA MS Standard C13 and N15-labeled recombinant protein (NP_995319) 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. 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.
Molecular Mass	46.3 kDa
AA Sequence	MLKAVILIGGPQKGTRFRPLSFEVPKPLFPVAGVPMIQHHIEACAQVPGMQEILLIGFY QPDEPLTQFLEAAQQEFNLPVRYLQEFAPLGTGGGLYHFRDQILAGSPEAFFVLNAD VCSDFPLSAMLEAHRRQRHPFLLLGTTANRTQSLNYGCIVENPQTHEVLHYVEKPST FISDIINCGIYLFSPEALKPLRDVFQRNQQDGQLEDSPGLWPGAGTIRLEQDVFSALA GQGQIYVHLTDGIWSQIKSAGSALYASRLYLSRYQDTHPERLAKHTPGGPWIRGNV YIHPTAKVAPSAVLGPNVSIGKGVTVGEGVRLRESIVLHGATLQEHTCVLHSIVGWG STVGRWARVEGTPSDPNPNDPRARMDSESLFKDGKLLPAITILGCRVRIPAEVLILNS IVLPHKELSRSFTNQIILTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

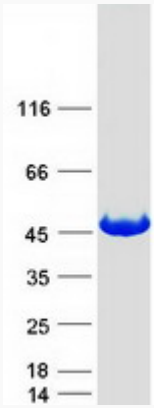
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM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

GENE INFORMATION

Gene Name	GMPPA GDP-mannose pyrophosphorylase A [Homo sapiens (human)]
Official Symbol	GMPPA
Synonyms	GMPPA; GDP-mannose pyrophosphorylase A; mannose-1-phosphate guanyltransferase alpha; mannose-1-phosphate guanylyltransferase (GDP); GTP-mannose-1-phosphate guanylyltransferase alpha;
Gene ID	29926
mRNA Refseq	NM_205847
Protein Refseq	NP_995319
MIM	615495
UniProt ID	Q96IJ6

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SDS-PAGE	

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