

## Product datasheet for PH312726

### GMPPA (NM\_205847) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GMPPA MS Standard C13 and N15-labeled recombinant protein (NP_995319)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212726
Predicted MW:	46.3 kDa
Protein Sequence:	>RC212726 protein sequence Red=Cloning site Green=Tags(s)
	MLKAVILIGGPQKGRFRPLSFVEPKPLFPVAGVPMIQHHIEACAQVPGMQEILLIGFYQPDEPLTQFLE AAQQEFNLPVRYLQEFAPLGTGGGLYHFRDQILAGSPEAFFVLNADVCSDFPLSAMLEAHRQRHPFLLL GTTANRTQSLNYGCIVENPQTHEVLHYVEKPSTFISDIINCGIYLF SPEALKPLRDVFQRNQQDQGLED PGLWPGAGTIRLEQDVFSALAGQGQIYVHLTDGIWSQIKSAGSALYASRLYL SRYQDTHPERLAKHTPGG PWIRGNVYIHPTAKVAPSAVLGPNVSIKGVTVGEGVRLRESIVLHGATLQEHTCVLHSIVGWGSTVGRW ARVEGTPSDPNPNDRPRARMDSESLFKDGKLLPAITILGCRVRIPAEVLILNSIVLPHKELSRSFNTQIIL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_995319</a></u>
RefSeq Size:	1845
RefSeq ORF:	1260
Synonyms:	AAMR
Locus ID:	29926



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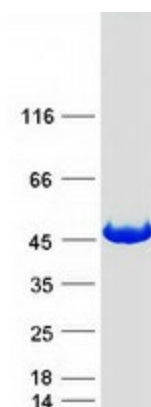
UniProt ID: [Q96IJ6](#), [A0A384MDS7](#)

Cytogenetics: 2q35

Summary: 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, Jul 2008]

Protein Pathways: Amino sugar and nucleotide sugar metabolism, Fructose and mannose metabolism, Metabolic pathways

### Product images:



Coomassie blue staining of purified GMPPA protein (Cat# [TP312726]). The protein was produced from HEK293T cells transfected with GMPPA cDNA clone (Cat# [RC212726]) using MegaTran 2.0 (Cat# [TT210002]).