

## Product datasheet for **TP312726M**

### GMPPA (NM\_205847) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GDP-mannose pyrophosphorylase A (GMPPA), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212726 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLKAVILIGGPQKGTFRPLSFEVPKPLFPVAGVPMIQHHIEACAQVPGMQEILLIGFYQPDEPLTQFLE  
AAQQEFNLPVRYLQEFAPLGTGGGLYHFRDQILAGSPEAFFVLNADVCSDFPLSAMLEAHRQRHPFLLL  
GTTANRTQSLNYGCIVENPQTHEVLHYVEKPSTFISDIINCGIYLFSPALKPLRDVFNQDQGLQLEDS  
PGLWPGAGTIRLEQDVFSALAGQGQIYVHLTDGIWSQIKSAGSALYASRLYLSRYQDTHPERLAKHTPPGG  
PWIRGNVYIHPTAKVAPSAVLGPNVSIKGVTVGEGVRLRESIVLHGATLQEHTCVLHSIVGWGSTVGRW  
ARVEGTPSDPNPNDRARMDSESLFKDGKLLPAITILGCRVRIPAEVLILNSIVLPHKELSRSTNQIIL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	46.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_995319</a></u>



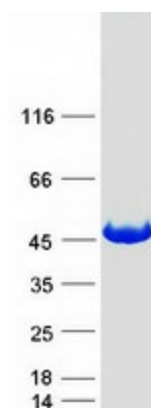
[View online »](#)

Locus ID: 29926  
UniProt ID: [Q96IJ6](#), [A0A384MDS7](#)  
RefSeq Size: 1845  
Cytogenetics: 2q35  
RefSeq ORF: 1260  
Synonyms: AAMR

**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]).