

Datasheet for ABIN7547984

**GMPPA Protein (AA 1-420) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	GMPPA
Protein Characteristics:	AA 1-420
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GMPPA protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GMPPA Protein expressed in mammalian cells.
Sequence:	<p>MLKAVILIGG PQKGTRFRPL SFEVPKPLFP VAGVPMIQHH IEACAQVPGM QEILLIGFYQ PDEPLTQFLE AAQQEFNLPV RYLQEFAPLG TGGGLYHFRD QILAGSPEAF FVLNADVCS FPLSAMLEAH RRQRHPFLLL GTTANRTQSL NYGCIVENPQ THEVLHYVEK PSTFISDIIN CGIYLFSPA LKPLRDVFQR NQQDQLEDS PGLWPGAGTI RLEQDVFSAL AGQGQIYVHL TDGIWSQIKS AGSALYASRL YLSRYQDTHP ERLAKHTPGG PWIRGNVYIH PTAKVAPSAV LGPNVSIGKG VTVGEGVRLR ESIVLHGATL QEHTCVLHSI VGGWSTVGRW ARVEGTPSDP NPNDPRARM D SESLFKDGKL LPAITILGCR VRIPAEVLIL NSIVLPHKEL SRSFTNQIIL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

GMPPA

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### Alternative Name:

GMPPA ([GMPPA Products](#))

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### Background:

Mannose-1-phosphate guanylyltransferase alpha (GDP-mannose pyrophosphorylase A) (GMPP-alpha) (GTP-mannose-1-phosphate guanylyltransferase alpha),FUNCTION: May serve as a regulatory subunit and allow allosteric feedback inhibition of GMPPB by GDP-mannose. {ECO:0000269|PubMed:24035193}.

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### Molecular Weight:

46.3 kDa

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### UniProt:

[Q96IJ6](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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### Restrictions:

For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months