

## Product datasheet for **TP305976M**

### PIP4K2C (NM\_024779) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphatidylinositol-5-phosphate 4-kinase, type II, gamma (PIP4K2C), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205976 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASSSVPPATVSAATAGPGPGFGFASKTKKKHFVQQKVKVFRAADPLVGVFLWGVVAHSINELSQVPPPVM  
LLPDDFKASSKIKVNNHLFHRENLP SHFKFKEYCPQVFRNLRDRFGIDDQDYLVS LTRNPPSESEGSDGR  
FLISYDRTLVIKEVSSEDIADMHSNLSNYHQYIVKCHGNTLLPQFLGMYRVSDNEDSYMLVMRNMFSHR  
LPVHRKYDLKGSLSREASDKEKVKELPTLRDMDFLNKNQKVYIGEEKKIFLEKLKRDVEFLVQLKIMD  
YSLLLGIHDIIRGSEPEEEAPVREDESEVDGDCSLTGPPALVGSYGTSPEGIGGGYIHSRPLGPGEFESF  
IDVYAIRSAEGAPQKEVYFMGLIDILTQYDAKKKAAHAAKTVKHGAGAEISTVHPEQYAKRFLDFITNIF  
A

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	47.1 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.



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RefSeq: [NP\\_079055](#)

Locus ID: 79837

UniProt ID: [Q8TBX8](#)

RefSeq Size: 3229

Cytogenetics: 12q13.3

RefSeq ORF: 1263

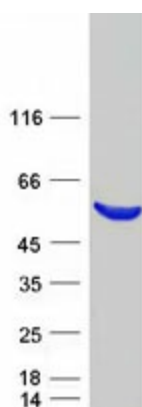
Synonyms: PIP5K2C

**Summary:** May play an important role in the production of Phosphatidylinositol bisphosphate (PIP2), in the endoplasmic reticulum.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Protein Pathways:** Inositol phosphate metabolism, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton

### Product images:



Coomassie blue staining of purified PIP4K2C protein (Cat# [TP305976]). The protein was produced from HEK293T cells transfected with PIP4K2C cDNA clone (Cat# [RC205976]) using MegaTran 2.0 (Cat# [TT210002]).