

Recombinant Human PIP4K2C protein, GST-tagged

Cat. No. PIP4K2C-1726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIP4K2C protein(1-421 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-421 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term

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storage.

AA Sequence

MASSSVPPATVSAATAGPGPGFGFASKTKKKHFVQQKVVFRAADPLVGVFLWGV
AHSINELSQVPPPVMLLPDDFKASSKIKVNNHLFHRENLP SHFKFKEYCPQVFRNLR
DRFGIDDQDYLVSLTRNPPSESESGDGRFLISYDRTLVIKEVSSEDIADMHSNLSNYH
QYIVKCHGNTLLPQFLGMYRVSVDNEDSYMLVMRNMFSHRLPVHRKYDLKGSLVS
READSKEKVKELPTLRDMDFLNKNQKVYIGEEEEKIFLEKLKRDVEFLVQLKIMDYSL
LLGIHDIIRGSEPEEEAPVREDESEVDGDCSLTGPPALVGSYGTSPEGIGGYIHSHRP
LGPGEFESFIDVYAIRSAEGAPQKEVYFMGLIDILTQYDAKKKAAHAAKTVKHGAGAE
ISTVHPEQYAKRFLDFITNIFA

GENE INFORMATION

Gene Name

PIP4K2C phosphatidylinositol-5-phosphate 4-kinase, type II, gamma [Homo sapiens]

Official Symbol

PIP4K2C

Synonyms

PIP4K2C; phosphatidylinositol-5-phosphate 4-kinase, type II, gamma;
phosphatidylinositol 4 phosphate 5 kinase, type II, gamma , PIP5K2C;
phosphatidylinositol-5-phosphate 4-kinase type-2 gamma; FLJ22055; PIP4KII-
gamma; PI(5)P 4-kinase type II gamma; phosphatidylinositol 4-phosphate 5-kinase;
phosphatidylinositol-4-phosphate 5-kinase, type II, gamma; PIP5K2C;

Gene ID

79837

mRNA Refseq

NM_001146258

Protein Refseq

NP_001139730

UniProt ID

Q8TBX8

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