

Recombinant Human PIP4K2C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIP4K2C-3482H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIP4K2C MS Standard C13 and N15-labeled recombinant protein (NP_079055) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Phosphatidylinositol 5-phosphate 4-kinase with low enzymatic activity. May be a GTP sensor, has higher GTP-dependent kinase activity than ATP-dependent kinase activity.
Molecular Mass	47.3 kDa
AA Sequence	MASSSVPPATVSAATAGPGPGFGFASKTKKKHFVQQKVVFRAADPLVGVFLWGV AHSINELSQVPPPVMLLPDDFKASSKIKVNNHLFHRENLP SHFKFKEYCPQVFRNLR DRFGIDDQDYLVS LTRNPPSESEGS DGRFLISYDRTLVIKEVSSEDIADMHSNLSNYH QYIVKCHGNTLLPQFLGMYRVSDNEDSYMLVMRNMFSHRLPVHRKYDLKGSLVS READSKEKVKELPTLRDMDFLNKNQKVYIGEEEEKIFLEKLKRDVEFLVQLKIMDYSL LLGIHDIIRGSEPEEEAPVREDESEVDGDCSLTGPPALVGSYGTSPEGIGGYIHSHRP LGPGEFESFIDVYAIRSAEGAPQKEVYFMGLIDILTQYDAKKKAAHAAKTVKHGAGAE ISTVHPEQYAKRFLDFITNIFATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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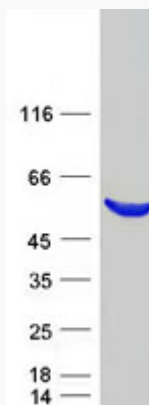
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PIP4K2C phosphatidylinositol-5-phosphate 4-kinase type 2 gamma [Homo sapiens (human)]
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_024779
Protein Refseq	NP_079055
MIM	617104
UniProt ID	Q8TBX8

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SDS-PAGE

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