

Product datasheet for **AR50766PU-N**

PIP4K2B / PIP5K2B (1-416, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PIP4K2B / PIP5K2B (1-416, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSNCTS TTAVAVAPLS ASKTKTKKKH FVCQKVKLFR ASEPILSVLM WGVNHTINEL SNVPVPMMLM PDDFKAYSKI KVDNHLFNKE NLPSRFKFKE YCPMVFRNLR ERFGIDDQDY QNSVTRSAPI NSDSQGRCGT RFLTYYDRRF VIKTVSSEDV AEMHNILKKY HQFIVECHGN TLLPQFLGMY RLTVDGVETY MVVTRNVFSH RLTVHRKYDL KGSTVAREAS DKEKAKDLPT FKDNDFLNEG QKLHVGEESK KNFLEKLRD VEFLAQLKIM DYSLLVGIHD VDRAEQEEME VEERADEEC ENDGVGGNLL CSYGTTPDSP GNLLSFPRFF GPGEFDPSVD VYAMKSHES PKKEVYFMAI IDILTPYDTK KKAHAAKTV KHGAGAEIST VNPEQYSKRF NEFMSNILT
Tag:	His-tag
Predicted MW:	49.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PIP4K2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_003550</u>
Locus ID:	8396



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UniProt ID: [P78356](#)

Cytogenetics: 17q12

Synonyms: PI5P4KB; PIP5K2B; PIP5KIIB; PIP5KIIBeta; PIP5P4KB

Summary: The protein encoded by this gene catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p55 TNF receptor. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Endocytosis, Fc gamma R-mediated phagocytosis, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton

Product images:

