

Recombinant Human PIP4K2B protein, His-tagged

Cat. No. PIP4K2B-729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIP4K2B protein(1-281 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-281 aa
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 300mM imidazole.
AASequence	MSSNCTSTTAVAVAPLSASKTKTKKKHFVCQKVKLFRASEPILSVLMWGVNHTINEL SNVPVPVMLMPDDFKAYSKI KVDNHLFNKENLPSRFKFKEYCPMVFRNLRERFGIDD QDYQNSVTRSAPINSQSGRCGTRFLT TYDRRFVIKTVSSEDVAEMHNILKKYHQFI VECHGNTLLPQFLGMYRLTVDG VETVMVTRNVFSHRLTVHRKYDLKGSTVAREAS DKEKAKDLPTFKDNDFLNEGQKLHVGEESKKNFLEKLKRDVEEILVLSPGRRIA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. 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.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION
Gene Name

PIP4K2B phosphatidylinositol-5-phosphate 4-kinase, type II, beta [Homo sapiens]

Official Symbol

PIP4K2B

Synonyms

PIP4K2B; phosphatidylinositol-5-phosphate 4-kinase, type II, beta; phosphatidylinositol 4 phosphate 5 kinase, type II, beta , PIP5K2B; phosphatidylinositol-5-phosphate 4-kinase type-2 beta; PIP5KIIB; PIP5KIIBeta; PIP4KII-beta; PTDINS(4)P-5-kinase; PI(5)P 4-kinase type II beta; diphosphoinositide kinase 2-beta; ptdIns(5)P-4-kinase isoform 2-beta; 1-phosphatidylinositol-4-phosphate kinase; 1-phosphatidylinositol-5-phosphate 4-kinase 2-beta; phosphatidylinositol-4-phosphate 5-kinase, type II, beta; PI5P4KB; PIP5K2B;

Gene ID

8396

mRNA Refseq

NM_003559

Protein Refseq

NP_003550

MIM

603261

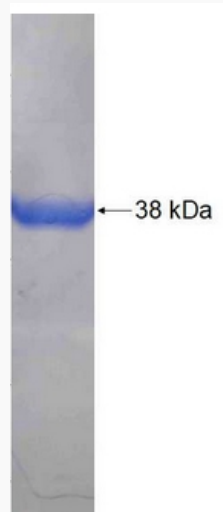
UniProt ID

P78356

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SDS-PAGE

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