

Recombinant Human PI4KB protein, His-tagged

Cat. No. PI4KB-1703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI4KB protein(449-801 aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	449-801 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.
AA Sequence	IGELQVELPEVHTNSCDNISQFSVDSITSQESKEPVFIAAGDIRRRLSEQLAHTPTAFK RDPEDPSAVALKEPWQEKVRRIREGSPYGHLPNWRLLSVIVKCGDDLRLQELLAFAQV LKQLQSIWEQERVPLWIKPYKILVISADSGMIEPVVNAVSIHQVKKQSQLSLLDYFLQE HGSYTTEAFLSAQRNFVQSCAGYCLVCYLLQVKDRHNGNILLDAEGHIIHIDFGFILSS SPRNLGFETSAFKLTTEFVDVMGGLDGMFNYYKMLMLQGLIAARKHMDKVQIVEI MQQGSQQLPCFHGSSTIRNLKERFHMSMTEEQLQLLVEQMVDGSMRSITTCLYDGF QYLTNGIM
Purity	95%, 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, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name PI4KB phosphatidylinositol 4-kinase, catalytic, beta [Homo sapiens]

Official Symbol PI4KB

Synonyms PI4KB; phosphatidylinositol 4-kinase, catalytic, beta; PIK4CB; phosphatidylinositol 4-kinase beta; PI4K BETA; pi4K92; PtdIns 4-kinase beta; type III phosphatidylinositol 4-kinase beta; phosphatidylinositol 4-kinase, wortmannin-sensitive; NPIK; PI4K92; PI4KBETA; PI4K-BETA; PI4KIIIBETA; FLJ30129; DKFZp686O1820;

Gene ID 5298

mRNA Refseq NM_001198773

Protein Refseq NP_001185702

MIM 602758

UniProt ID Q9UBF8

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