

Recombinant Human PIK3C2B, His-tagged

Cat. No. PIK3C2B-1716H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3C2B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PIK3C2B phosphoinositide-3-kinase, class 2, beta polypeptide [Homo sapiens]
Official Symbol	PIK3C2B
Synonyms	PIK3C2B; phosphoinositide-3-kinase, class 2, beta polypeptide; phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing subunit beta; C2 PI3K; PI3K C2beta; PI3K-C2beta; PI3K-C2-beta; PTDINS-3-kinase C2 beta; ptdIns-3-kinase C2 subunit beta; phosphoinositide 3-kinase-C2-beta; phosphatidylinositol 3-kinase C2 domain-

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	containing beta polypeptide; C2-PI3K; DKFZp686G16234;
Gene ID	5287
mRNA Refseq	NM_002646
Protein Refseq	NP_002637
MIM	602838
UniProt ID	O00750
Chromosome Location	1q32
Pathway	3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Inositol phosphate metabolism, organism-specific biosystem; Inositol phosphate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylinositol signaling system, organism-specific biosystem;
Function	1-phosphatidylinositol-3-kinase activity; 1-phosphatidylinositol-4-phosphate 3-kinase activity; ATP binding; lipid kinase activity; nucleotide binding; phosphatidylinositol binding; phosphotransferase activity, alcohol group as acceptor; protein binding;