

## Recombinant Human PIK3C2B, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	PIK3C2B phosphoinositide-3-kinase, class 2, beta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	PIK3C2B
<b>Synonyms</b>	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-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA