

Active Recombinant Human PIK3C2B protein, GST-tagged

Cat. No. PIK3C2B-2894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3C2B protein(850-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
ProteinLength	850-end
Form	Supplied as sterile 50 mM Tris-HCl, pH 7.5, 50-300mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25-1.0mM DTT, 0-0.1mM PMSF, 10-25% glycerol.
Bio-activity	The specific activity of PIK3C2B was determined to be 140 nmol/min/mg as per activity assay protocol.
Molecular Mass	98 kDa
Purity	>75%
Storage	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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-containing beta polypeptide; C2-PI3K; DKFZp686G16234;
Gene ID	5287
mRNA Refseq	NM_002646
Protein Refseq	NP_002637
MIM	602838
UniProt ID	O00750

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