

## Recombinant Human PIK3C2B protein, GST-tagged

Cat. No. PIK3C2B-1871H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PIK3C2B protein(1-350 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-350 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MSSTQGNGEHWKSLESVGISRKELAMAEALQMEYDALSRLRHDKEENRAKQNADP SLISWDEPGVDFYSKPAGRRTDLKLLRGLSGSDPTLNYNLSLSPQEGPPNHSTSQGP QPGSDPWPKGSLSGDYLYIFDGSDGGVSSSPGPGDIEGSCKKLSPPPLPPRASIWD TPPLPPRKGSPSSSKISQPSDINTFSLVEQLPGKLEHRILEEEEEVLGGGGQGRLLGS VDYDGINDAITRLNLKSTYDAEMLRDATRGWKEGRGPLDFSKDTSGKPVARSKTMP PQVPPRTYASRYGNRKNATPGKNRISAAPVGSRPHTVANGHELFEVSEERDEEVA AFCHMLDILRSGS
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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**

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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