

Recombinant Human PIK3C2B protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PIK3C2B protein(1-350 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MSSTQGNGEHWKSLESVGISRKELAMAEALQMEYDALSLRLRHDKEENRAKQNADP SLISWDEPGVDFYSKPAGRRTDLKLLRGLSGSDPTLNYNLSLSPQEGPPNHSTSQGP QPGSDPWPKGSLSGDYLYIFDGSDGGVSSSPGPGDIEGSCKKLSPPLPPRASIW TPPLPPRKGSPSSSKISQPSDINTFSLVEQLPGKLEHRILEEEEEVLGGGGQGRLLGS VDYDGINDAITRLNLKSTYDAEMLRDATRGWKEGRGPLDFSKDTSGKPVARSKTMP PQVPPRTYASRYGNRKNATPGKNRRISAAPVGSRPHTVANGHELFEVSEERDEEVA AFCHMLDILRSGS
Purity	85%, 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 [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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