

Recombinant Human PIK3CD protein, GST-tagged

Cat. No. PIK3CD-301404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3CD (395-580 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr395-Leu580
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.
AA Sequence	YAVIEKAKKARSTKKKSKKADCPIAWANLMLFDYKDKLKTGERCLYMWPSVPDEKG ELLNPTGTVRSNPNTDSAAALLICLPEVAPHPVYYPALKILELGRHSECVHVTEEEQ LQLREILERRGSGELYEHEKDLVWKL RHEVQE HFP EALARLLLVT KW NKHEDVAQM LYLLCSWP ELPVLSAL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

cycles.

GENE INFORMATION

Gene Name [PIK3CD phosphoinositide-3-kinase, catalytic, delta polypeptide \[Homo sapiens \]](#)

Official Symbol [PIK3CD](#)

Synonyms [PIK3CD](#); phosphoinositide-3-kinase, catalytic, delta polypeptide; phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta isoform; p110D; phosphatidylinositol 3 kinase; catalytic; delta polypeptide; phosphoinositide 3 kinase C; PI3Kdelta; phosphoinositide-3-kinase C; PI3-kinase p110 subunit delta; ptdIns-3-kinase subunit p110-delta; phosphoinositide-3-kinase, catalytic, delta polypeptide variant p37delta; phosphatidylinositol-4,5-bisphosphate 3-kinase 110 kDa catalytic subunit delta; PI3K; P110DELTA;

Gene ID [5293](#)

mRNA Refseq [NM_005026](#)

Protein Refseq [NP_005017](#)

MIM [602839](#)

UniProt ID [O00329](#)

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