

Recombinant Human PIK3CD protein, His-tagged

Cat. No. PIK3CD-8555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3CD protein(395-580 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	395-580 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	YAVIEKAKKARSTKKKSKKADCPIAWANLMLFDYKDKLKTGERCLYMWPSVPDEKG ELLNPTGTVRSNPNTDSAAALLICLPEVAPHPVYYPALKILELGRHSECVHVTEEEQ LQLREILERRGSGELYEHEKDLVWKLREHVQEHFPEALARLLLVTKWNKHEDVAQM LYLLCSWPPELPVLSAL
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

mRNA Refseq

NM_005026

Protein Refseq

NP_005017

MIM

602839

UniProt ID

O00329

Gene ID

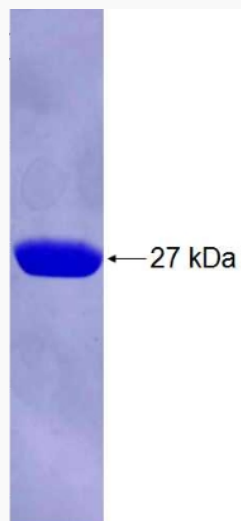
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SDS-PAGE



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