

Recombinant Human PIK3C2G protein, His-tagged

Cat. No. PIK3C2G-2672H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3C2G protein(11-336 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	11-336 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p>PNESHEKQYEHQEFLVFNQPHSSSQVSLGFDQIVDEISGKIPHYESEIDENTFFVPTA PKWDSTGHSLNEAHQISLNEFTSKSRELSWHQVSKAPAIGFSPSVLPKPQNTNKEC SWGSIGKHHGADDSRFSILALSFTSLDKINLEKELENNHNYHIGFESSIPTNSSFSS DFMPKEENKRSGHVNIVEPSLMLLKGLQPGMWESTWQKNIESIGCSIQLVEVPQS SNTSLASFCNKVKKIRERYHAADVNFNSGKIWSTTTAFPYQLFSKTKFNIHIFIDNSTQ PLHFMPCANLVLKDLIAEILHFCTNDQLLPKDHILSVC</p>
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>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</p>

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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

PIK3C2G phosphoinositide-3-kinase, class 2, gamma polypeptide [Homo sapiens]

Official Symbol

PIK3C2G

Synonyms

PIK3C2G; phosphoinositide-3-kinase, class 2, gamma polypeptide; phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing subunit gamma; PI3K-C2-gamma; PTDINS-3-kinase C2 gamma; ptdIns-3-kinase C2 subunit gamma; phosphoinositide 3-kinase-C2-gamma; phosphatidylinositol 3-kinase C2 domain-containing gamma; phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing gamma polypeptide; PI3K-C2GAMMA; MGC163149;

Gene ID

5288

mRNA Refseq

NM_004570

Protein Refseq

NP_004561

MIM

609001

UniProt ID

O75747

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