

Recombinant Human PIK3R3 protein, GST-tagged

Cat. No. PIK3R3-3673H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3R3 protein(312-382 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	312-382 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	HLVWLNHKGVRQKRLNVWLGKINEDAAENYFINEEDENLPHYDEKTWTFVEDINRVQ AEDLLYGKPDGAFLI
Purity	98%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [PIK3R3 phosphoinositide-3-kinase, regulatory subunit 3 \(gamma\) \[Homo sapiens \]](#)

Official Symbol [PIK3R3](#)

Synonyms PIK3R3; phosphoinositide-3-kinase, regulatory subunit 3 (gamma); phosphatidylinositol 3-kinase regulatory subunit gamma; p55; p55PIK; PI3-kinase subunit p55-gamma; PI3K regulatory subunit gamma; 100% homology to SWISS-PROT Q92569; PI3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit p55-gamma; phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma); phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma; phosphoinositide-3-kinase, regulatory subunit, polypeptide 3 (p55, gamma); phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 3 (p55, gamma); p55-GAMMA; FLJ41892; DKFZp686P05226;

Gene ID [8503](#)

mRNA Refseq [NM_001114172](#)

Protein Refseq [NP_001107644](#)

MIM [606076](#)

UniProt ID [Q92569](#)

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