

Recombinant Human PIK3R2, His-tagged

Cat. No. PIK3R2-1718H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3R2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-324aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PIK3R2 phosphoinositide-3-kinase, regulatory subunit 2 (beta) [Homo sapiens]
Official Symbol	PIK3R2
Synonyms	PIK3R2; phosphoinositide-3-kinase, regulatory subunit 2 (beta); phosphatidylinositol 3-kinase regulatory subunit beta; p85; P85B; PI3-kinase subunit p85-beta; PI3K regulatory subunit beta; PI3-kinase regulatory subunit beta; ptdIns-3-kinase regulatory subunit beta; ptdIns-3-kinase regulatory subunit p85-beta;

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phosphoinositide-3-kinase, regulatory subunit 2 (p85 beta); phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; phosphoinositide-3-kinase, regulatory subunit, polypeptide 2 (p85 beta); phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 2 (p85 beta); p85-BETA;

Gene ID [5296](#)

mRNA Refseq [NM_005027](#)

Protein Refseq [NP_005018](#)

MIM [603157](#)

UniProt ID [O00459](#)

Chromosome Location 19q13.2-q13.4

Pathway 3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem;

Function contributes_to 1-phosphatidylinositol-3-kinase activity; phosphatidylinositol 3-kinase regulator activity; phosphatidylinositol-4,5-bisphosphate 3-kinase activity; protein binding; receptor tyrosine kinase binding;

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