

## Recombinant Human PIK3R1 Protein

Cat. No. PIK3R1-2931H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PIK3R1 protein without tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Phosphoinositide-3-kinase regulatory subunit 1 (PIK3R1), which encodes protein PI3Kp85 (p85), was identified as a FOXA1 target gene. As a tumor suppressor, FOXA1 targets PIK3R1 directly to inhibit PI3K/Akt signaling pathway, thus exerting a negative regulatory effect on proliferation, migration, and invasion of HCC in male patients.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are

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shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	PIK3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha) [ Homo sapiens (human) ]
<b>Official Symbol</b>	PIK3R1
<b>Synonyms</b>	PIK3R1; phosphoinositide-3-kinase, regulatory subunit 1 (alpha); phosphatidylinositol 3-kinase regulatory subunit alpha; GRB1; p85; p85 ALPHA; PI3-kinase subunit p85-alpha; PI3K regulatory subunit alpha; ptdlns-3-kinase regulatory subunit alpha; phosphatidylinositol 3-kinase-associated p-85 alpha; phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha); p85-ALPHA;
<b>Gene ID</b>	5295
<b>mRNA Refseq</b>	NM_001242466
<b>Protein Refseq</b>	NP_001229395
<b>MIM</b>	171833
<b>UniProt ID</b>	P27986

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