

Recombinant Human PIK3R1 Protein

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

SPECIFICATION

Product Overview	Recombinant human PIK3R1 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	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.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	PIK3R1 phosphoinositide-3-kinase, regulatory subunit 1 (alpha) [Homo sapiens (human)]
Official Symbol	PIK3R1
Synonyms	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; ptdIns-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;
Gene ID	5295
mRNA Refseq	NM_001242466
Protein Refseq	NP_001229395
MIM	171833
UniProt ID	P27986

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