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Datasheet for ABIN6700902  
**PIK3R1 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	PIK3R1 (PI3K p85a)
Origin:	Human
Source:	Baculovirus infected Insect Cells, Insect cells (Sf9)
Purification tag / Conjugate:	This PIK3R1 protein is labelled with His tag.
Application:	Western Blotting (WB)

### Product Details

Cross-Reactivity:	Human
Characteristics:	PI3K catalytic Domain $\alpha$ , PIK3R1, GRB1, p85-ALPHA, Phosphatidylinositol 3-kinase regulatory subunit alpha, PI3-kinase regulatory subunit alpha, PI3K regulatory subunit alpha, PtdIns-3-kinase regulatory subunit alpha, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha, PI3-kinase subunit p85-alpha, PtdIns-3-kinase regulatory subunit p85-alpha
Purification:	Recombinant full-length human PI3K (p85 $\alpha$ ) was expressed by baculovirus in Sf9 insect cells using an N-Terminal his epitope. The purity was determined to be >95% by densitometry.

### Target Details

Target:	PIK3R1 (PI3K p85a)
Alternative Name:	PI3K (p85alpha alpha) ( <a href="#">PI3K p85a Products</a> )
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> ,

## Target Details

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VEGF Signaling, BCR Signaling, Warburg Effect

## Application Details

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Application Notes: Application Note: PI3K (p85 alpha) Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, 25 % glycerol. PI3K (p85 alpha) Protein is suitable for use in Western Blot and Kinase Assay. Expect a band approximately ~86 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Western Blot Dilution: User Optimized

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.2 µg/µL

Storage: -80 °C

Storage Comment: -80 °c

Expiry Date: 12 months