

PIK3R1 抗原（重组蛋白）

中文名称： PIK3R1 抗原（重组蛋白）

英文名称： PIK3R1 Antigen (Recombinant Protein)

别名： p85, GRB1, p85-ALPHA

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 113-301 amino acids of human PIK3R1

技术规格

Full name:	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
Synonyms:	p85, GRB1, p85-ALPHA
Swissprot:	P27986
Gene Accession:	BC030815
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.