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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PIK3R1 FISH Probe

Catalog # : FA0141

規格 : [200 uL]

List All

Specification

Product Description:	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology)
Supplied Product:	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction:	Store at 4°C in the dark.
Origin:	Human
Source:	Genomic DNA
Notice:	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status:	For research use only (RUO)

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5295](#)

Gene Name: PIK3R1

Gene Alias: GRB1,p85,p85-ALPHA

Gene Description: phosphoinositide-3-kinase, regulatory subunit 1 (alpha)

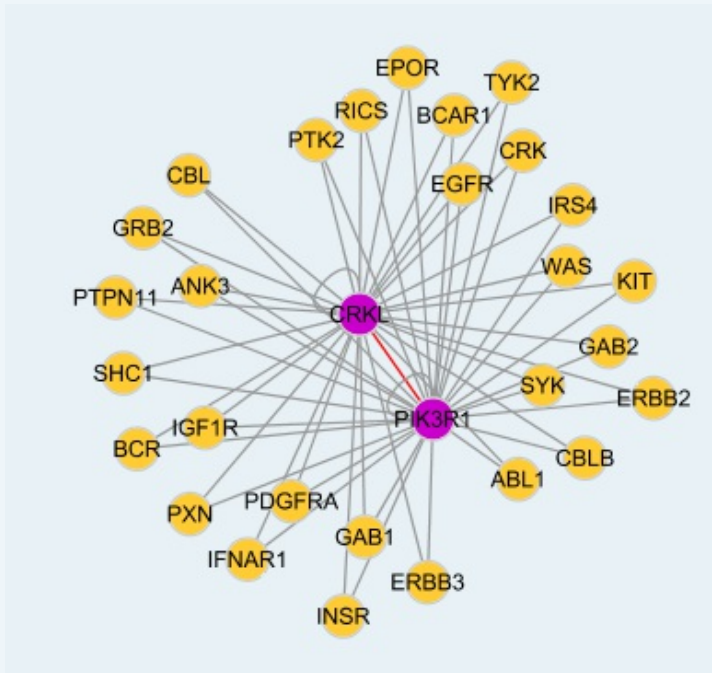
Omim ID: [171833](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 three transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations: phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha),phosphatidylinositol 3-kinase, regulatory, 1,phosphatidylinositol 3-kinase-associated p-85 alpha,phosphoinositide-3-kinase, regulatory

Interactome



Gene Pathway

[Acute myeloid leukemia](#) [Apoptosis](#) [B cell receptor signaling pathway](#) [Chemokine signaling pathway](#) [Chronic myeloid leukemia](#) [Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#) [Fc epsilon RI signaling pathway](#) [Fc gamma R-mediated phagocytosis](#) [Focal adhesion](#) [Glioma](#) [Insulin signaling pathway](#) [Jak-STAT signaling pathway](#) [Leukocyte transendothelial migration](#) [Melanoma](#) [mTOR signaling pathway](#) [Natural killer cell mediated cytotoxicity](#) [Neurotrophin signaling pathway](#) [Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Phosphatidylinositol signaling system](#) [Prostate cancer](#) [Regulation of actin cytoskeleton](#) [Renal cell carcinoma](#) [Small cell lung cancer](#) [T cell receptor signaling pathway](#) [Toll-like receptor signaling pathway](#) [Type II diabetes mellitus](#) [VEGF signaling pathway](#)

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