

PIKFYVE 抗原（重组蛋白）

中文名称：PIKFYVE 抗原（重组蛋白）

英文名称：PIKFYVE Antigen (Recombinant Protein)

别名：CFD; FAB1; HEL37; PIP5K; PIP5K3; ZFYVE29

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 300 amino acids of human PIKFYVE

技术规格：

Full name:	phosphoinositide kinase, FYVE finger containing
Synonyms:	CFD; FAB1; HEL37; PIP5K; PIP5K3; ZFYVE29
Swissprot:	Q9Y2I7
Gene Accession:	BC032389
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Phosphorylated derivatives of phosphatidylinositol (PtdIns) regulate cytoskeletal functions, membrane trafficking, and receptor signaling by recruiting protein complexes to cell- and endosomal-membranes. Humans have multiple PtdIns proteins that differ by the degree and position of phosphorylation of the inositol ring. This gene encodes an enzyme (PIKFYVEe; also known as phosphatidylinositol-3-phosphate 5-kinase type III or PIPKIII) that phosphorylates the D-5 position in PtdIns and phosphatidylinositol-3-phosphate (PtdIns3P) to make PtdIns5P and PtdIns(3,5)biphosphate.

