

Recombinant Human PIKFYVE

Catalog No: #GP11161

Package Size: #GP11161-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human PIKFYVE
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human phosphoinositide kinase, FYVE finger containing
Target Name	phosphoinositide kinase, FYVE finger containing
Other Names	CFD; FAB1; HEL37; PIP5K; PIP5K3; ZFYVE29
Accession No.	Swissprot:Q9Y2I7Gene Accession:BC032389
Uniprot	Q9Y2I7
GenelD	200576;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only