

Recombinant Human PI3K (p110 delta/p85 alpha) (N-His tag)

Cat No:HR2R1854

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PI3K (p110d/p85a)
Gene ID	N/A
Accession	NM_005026, NM_181523
Alternative Name	p110δ; p110δp85α; PIK3R1, GRB1, p85-ALPHA
Species	Human
Source	Insect cells
Description	PI3K (p110d/p85a) is a member of the PI3K family that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring . PI3K (p110d/p85a) plays a role in oncogenic transformation, and is consistently expressed at a high level in blast cells from AML. PI3K (p110d/p85a) can play a selective role in the amplification of phosphatidylinositol (3,4,5) trisphosphate (PIP3) levels that lead to neutrophil polarization, and regulates directional migration, but not random locomotion . PI3K (p110d/p85a) signaling pathway is involved in immune responses relevant to the pathogenesis of rheumatoid arthritis and other inflammatory diseases.?
Functions	The specific activity of PI3K (p110d/p85a) was determined to be 50 nmol/min/mg as per activity assay protocol.
Formulation	50mM sodium, pHosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	111
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.