

Phosphoinositide 3-kinase p110d/p85a Human Recombinant

Item Number	rAP-1586
Synonyms	Phosphoinositide 3-kinase p110d/p85a, PI3Kd.
Description	The class IA PI3Kd is expressed in endothelial and in white blood cells. Recently it was shown that the inactivation of PI3Kd in bone marrow mast cells (BBMCs) leads to defective stem cell factor-mediated proliferation, adhesion and migration of these cells, and to impaired allergen-IgE induced degranulation and
Uniprot Accession Number	
Amino Acid Sequence	
Source	Sf9 insect cells.
Physical Appearance and Stability	Sterile filtered liquid formulation. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PI3Kd solution in 25mM Tris-HCl, pH 8.0, 50mM NaCl, 0.5mM MgCl ₂ , and 50% glycerol. Greater than 95.0% as determined by SDS Page.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**