

## PI3Kd Human

**Description:** migration of these cells, and to impaired allergen-IgE induced degranulation and cytokine release. In neutrophils a role for PI3K in TNF $\alpha$ -induced signaling was demonstrated by a reduction in Akt phosphorylation and PDK1 activity upon treatment with the d-specific inhibitor IC87114. The catalytic subunit carries a GST-Tag which facilitates the proteins application in typical GST pull-down assays and the heterodimer was purified by affinity chromatography. The molecular weight for p110 chain is 120.2 kDa (without Tag) and the p85 chain 83.5 kDa.

**Catalog #:** PKPS-337

For research use only.

**Synonyms:** Phosphoinositide 3-kinase p110d/p85a, PI3Kd.

**Source:** Sf9 insect cells.

**Physical Appearance:** Sterile filtered liquid formulation.

**Purity:** Greater than 95.0% as determined by SDS Page.

**Formulation:**

PI3Kd solution in 25mM Tris-HCl, pH 8.0, 50mM NaCl, 0.5mM MgCl<sub>2</sub>, and 50% glycerol.

**Stability:**

PI3Kd although stable at 4°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Biological Activity:**

3,000 U/mg.

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