



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

PI3 Kinase [p110α (N345K)/p85α], His-Taq

Human, Recombinant, N-terminal His-Tag
Catalog #: 40646
Lot #: 161216 **Conc.:** 0.05 mg/ml

Formulation: 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol.

Stability: At least 6 months at -80°C. Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

References:

1. Samuels, Y., *et al.* *Science* **304**: 554 (2008)
2. Graupera, M., *et al.*, *Nature* **453**: 662-666 (2008)

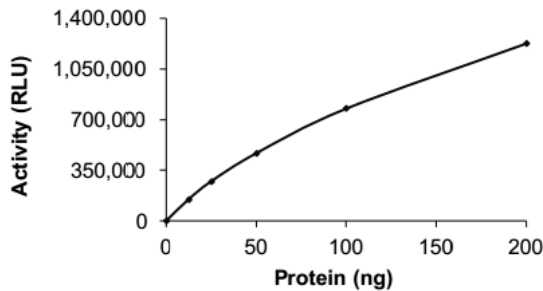
Description:

Complex of recombinant full-length human p110α (GenBank Accession No. NM_006218.2) with N345K mutation and N-terminal His-Tag, and recombinant full length, human p85α (GenBank Accession No. NM_181523), no tag. Co-expressed in Sf9 cells in a Baculovirus expression system. p110α (N345K) MW=111 kDa, p85α MW=86 kDa.

Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

Specific Activity



4-20% SDS-PAGE
Coomassie staining

Lane 1:
 p110a(N345K)
 and p85a

Lane 2:
 Protein Marker

MW:
 111 kDa, p110a(N345K)
 86 kDa, p85a

Purity: ≥80%

