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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

PI3 Kinase (p110 α /p55 γ), His-Tag

Human, Recombinant, N-terminal His-Tag

Catalog #: 40645

Lot #: 161215 **Conc.:** 0.1 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. Terauchi, Y., *et al. Nature Genet.* **21**: 230-235 (1999)
2. Fukao, T., *et al., Nature Immunol.* **3**: 295-304 (2002)

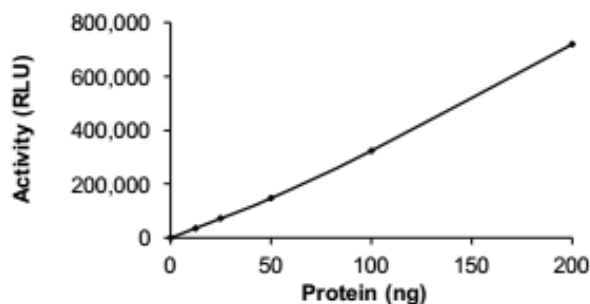
Description:

Complex of recombinant full-length human p110 α (GenBank Accession No. NM_006218), with N-terminal His-Tag and recombinant full length, human p55 γ (GenBank Accession No. BC021622), no tag. Co-expressed in Sf9 cells in a Baculovirus expression system. p110 α MW=111 kDa, p85 α MW=61 kDa.

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

Quality Assurance

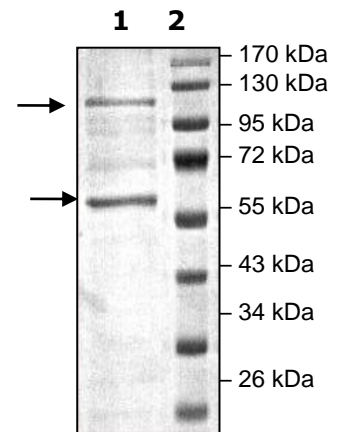
Specific Activity



**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
p110 α
and p55 γ
Lane 2:
Protein Marker

MW: 111 kDa, p110 α
61 kDa, p55 γ
Purity: $\geq 70\%$



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