



SZABO SCANDIC

Part of Europa Biosite

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

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

p110 γ /PIK3R5

Human, recombinant

Catalog #: 40626

Lot #: 120605 **Conc.** 0.14 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 16 mM
 Glutathione, 3 mM DTT, 20% Glycerol.

Stability: >6 months at -80°C

References:

1. Shymanets, A. *et al.*, *Biochem. J.*
 2012 Feb 1;**441(3)**: 851-8.
2. Brazzatti, J.A., *et al.*, *Oncogene.*
 2012 May 3;**31(18)**:2350-61.

Description:

Complex of N-terminal His-tag recombinant human p110 γ , or PIK3CG, (GenBank Accession No. NM_002649) a.a. 2-1102 (end), and N-terminal GST-tag recombinant human PIK3R5 (GenBank Accession No. NM_001142633) a.a. 2 - 880 (end). Co-expressed in a Baculovirus infected Sf9 cell expression system. p110 γ MW=127 kDa, PIK3R5 MW=124 kDa.

Application:

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

Quality Assurance

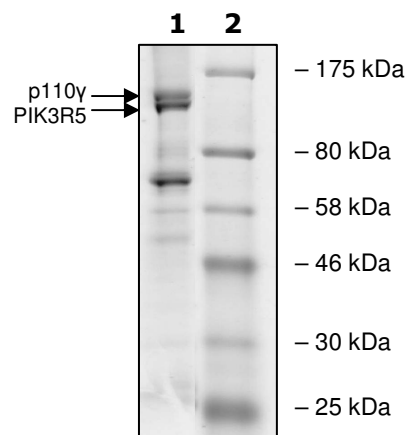
**10% SDS-PAGE
 Coomassie staining**

Lane 1:
 1.4 μ g p110 γ /PIK3R5

Lane 2:
 Protein Marker
 BioLabs (#P7708L)

MW:
 p110 γ : 127 kDa
 PIK3R5: 124 kDa

Purity: \geq 40%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**

Or you can Email us at: info@bpsbioscience.com

Please visit our website at: www.bpsbioscience.com



6044 Cornerstone Court West, Suite E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Protein Sequence

p110y

MHHHHHHELENYKQPVVLRDNCRRRRRMKPRSAASLSSMELIPIEFVLPTSQRKC
KSPETALLHVAGHGNVEQMKAQVWLRALETSVAADFYHRLGPHHFLLLYQKKGQW
YEIYDKYQVVQTLDCRLRYWKATHRSPGQIHLVQRHPPSEESQAFQRQLTALIGYDVTD
VSNVHDELEFTRRGLVTPRMAEVASRDPKLYAMHPWVTSKPLPEYLWKKIANNCFI
VIHRSTTSQTIKVPDDTPGAILQSFFTKMAKKSLMDIPESQSEQDFVLRVCGRDEYL
VGETPIKNFQWVRHCLKNGEEIHVVLDTPDPALDEVKKEWPLVDDCTGVTGYHEQ
LTIHGKDHESVFTVSLWDCDRKFRVKIRGIDIPVLPRNTDLTVFVEANIHQGQQVLCQR
RTSPKPFTEEVLWNVWLEFSIKIKDLPGALLNLQIYCGKAPALSSKASAESPSESK
GKVQLLYVNNLLIDHRFLLRRGEYVLHMWQISGKGEDQGSFNADKLTSAATNPDKEN
SMSISILLDNYCHPIALPKHQPTDPEGDRVRAEMPQLRKQLEAIIATDPLNPLTAED
KELLWHFRYESLKHKPKAYPKLFSSVKWGQQEIVAKTYQLLARREVWDQSALDVGLT
MQLLDCNFSDENVRAIAVQKLESLEDDDLVHYLLQLVQAVKFEPYHDSALARFLLKR
GLRNKRIGHFLFWFLRSEIAQSRHYQQRFAVILEAYLRGCGTAMLHDFQQVQVIEML
QKVTLDIKLSAEKYDVSSQVISQLKQKLENLQNSQLPESFRVPYDPGLKAGALAEK
CKVMASKKKPLWLEFKCADPTALSNETIGIIFKHGDDLQDMLILQILRIMESIWETESL
DLCLLPYGCISTGDKIGMIEIVKDATTIAKIQQSTVGNTGAFKDEVLNHWLKEKSPTEE
KFQAAVERFVYSCAGYCVATFVLGIGDRHNDNIMITETGNLFHIDFGHILGNYKSFLGIN
KERVPFVLTDFLVMGTSGKKTSPHFQKFQDICVKAYLALRHHTNLLILFSMMLMTG
MPQLTSKEDIEYIRDALTVGKNEEDAKKYFLDQIEVCRDKGWTVQFNWFLHLVLGIKQ
GEKHS

PIK3R5

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYI
DGDVKLTQSMAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFETLK
VDFLSKLPPEMLKMFKDRLLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLV
CFKKRIEAIQIDKYLKSSKYIAWPLQGQWQATFGGGDHPKSDPLVPRGSPGEFQPGA
TTCTEDRIQHALLERCLHGLSLSRRSTSWAGLCLNCWSLQELVSRDPGHFLILLEQIL
QKTREVQEKGTYDLLTPLALLFYSTVLCTPHFPPDSDLLLKAASYHRFLTWPVYCS
ICQELLTFIDAELKAPGISYQRLVRAEQGLPIRSHRSSTVTVLLLNPEVQAEFLAVAN
KLSTPGHSPHSAYTTLLHAFQATFGAHCDVPGLHCRLQAKTLAELEDIFTETAEAEQ
LASGIGDAEARRWLRTKLQAVGEKAGFPGLVDTAKPGKLHTIPIVARCYTYSWSQ
DSFDILQEILLKEQELLQPGILGDDEEEEEEEEEVEEDLETDGHCAERDSLLSTSSLAS
HDSTLSLASSQASGPALSRHLLTSFVSGLSGMDSGYVEDSESSSEWPWRRGSQE
RRGHRRPGQKFIRIYKLFKSTSQVLRRDRSLEGSSTALPLRRAGSLCSPLDEPVS
PPSRAQRSRSLPQPKLGTQLPSWLLAPASRPQRRRPFLSGDEDPKASTLRVVVFGS
DRISGKVARAYSNLRRLENRPLLTRFFKLQFFYVPVKRSHGTSPGACPPPRSQTSP
PPTDSPRHASPGELGTPWEESTNDISHYLGMLDPWYERNVLGLMHLPPPEVLCQQSL
KAEAQALEGSPTQLPILADMLLYCRFAARPVLLQVYQTELTFTITGEKTTEIFIHSLELG
HSAATRAIKASGPGSKRLGIDGDREAVPLTLQIIYSKGAISGRSRWSNLEKVCTSVNLN
KACRKQEELDSSMEALTLNLTEVVKRQNSKSKKGFNQISTSIKVDKVIIGSNPCPF
AVCLDQDERKILQSVRCEVSPCYKPEKSDLSPPQTPDLPAQAAPDLCSLLCLPIM
TFSGALP

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone 1.858.829.3082 Fax 1.858.481.8694
Or you can Email us at: info@bpsbioscience.com
Please visit our website at: www.bpsbioscience.com