



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PI4K2A (Human) Recombinant Protein (P01)

**Catalog Number:** H00055361-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PI4K2A full-length ORF ( NP\_060895.1, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDETSPLVSPERAQPPDYTFPSGSGAHFPQVPGGAV  
RVAAAAGSGPSPGSPGHDRERQPLDRARGAAAQG  
QTQTVAQAQALAAQAAAAHAAQAHRERNEFPEDP  
EFEAVVRQAELAIERICIFPERIYQGSSGSYFVKDPQGR  
IAVFKPKNEEYPYGHLPKWTKWLQKLCCPCCFRDCL  
VLNQGYLSEAGASLVDQKLELNIVPRTKVVYLASETFN  
YSAIDRVKSRGKRLALEKVPKVGQRFRNIGLPPKVG  
QLFVEGYKDADYWLRRFEAEPLPENTNRQLLQFERL  
VLDYIIRNTDRGNDNWLKIDYDCPMDSSSRDWDV  
VKEPVIVAAIDNGLAFPLKHPDSWRAYPFYWAWLPQ  
AKVPFSQEIKDLILPKISDPNFVKDLEEDLYELFKKDPG  
FDRGQFHKQIAVMRGQILNLTQALKDNKSPHLVQMP  
PVIVETARSHQRSSSESYSYTSFQSRKPFSSWW

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 80.4

**Interspecies Antigen Sequence:** Mouse (95); Rat (94)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 55361

**Gene Symbol:** PI4K2A

**Gene Alias:** DKFZp761G1923, PI4KII, PIK42A, RP11-548K23.6

**Gene Summary:** Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM]