



# 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

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## Datasheet

### PI4KA (Human) Recombinant Protein (P01)

**Catalog Number:** H00005297-P01

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

**Product Description:** Human PI4KA full-length ORF ( NP\_002641.1, 1 a.a. - 854 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRE MAGAWHMTVEQKFLGFLSAEIKEADPLAASEASQ  
PKPCPPEVTPHYIWIDFLVQRFEIAKYCSSDQVEIFSSL  
LQRSMNLNIGGAKGSMNRHVAAIGPRFKLLTLGLSLH  
ADVVPNATIRNVLREKIYSTAFDYFSCPPKFPTQGEKR  
LREDISIMIKFWTAMFSDKKYLTASQLVPPDNQDTRSN  
LDITVGSRQQATQGWINTYPLSSGMSTISKKSGMSKK  
TNRGSQLHKYMKRRTLLLSLLATEIERLITWYNPLSAP  
ELELDQAGENSVANWRKYISLSEKQWKDNVNLAWSI  
SPYLAVQLPARFKNTEAIGNEVTRLVRLDPGAVSDVPE  
AIKFLVTWHTIDADAPELSHVLCWAPDPPTGLSYFSS  
MYPPHPLTAQYGVKVLRSFPPDAILFYIPQIVQALRYDK  
MGYVREYILWAASKSQLLAHQFIWNMKTNIYLDEEGH  
QKDPDIGDLLDQLVEEITGSLSGPAKDFYQREFDFFNK  
ITNVSIIKPYPKGDERKKACLSALSEVKVQPGCYLPSN  
PEAIVLDIDYKSGTPMQSAAKAPYLAKFKVKRCGVSEL  
EKEGLRCRSDSEDECSTQEADGQKISWQAAIFKVGDD  
CRQDMLALQIIDLFKNIFQLVGLDLFVFPYRVVATAPGC  
GVIECIPDCTSRDQLGRQDFGMYYDFTRQYGDESTL  
AFQQARYNFIRSMAYSLLLFLLQIKDRHNGNIMLDKK  
GHIIHDFGFMFESSPGGNLWEPDIKLTDEMVMIMGG  
KMEATPFKWFMEMCVRGYLAVRPYMDAVVSLVTLML  
DTGLPCFRGQTIKLLKHFSPNMTEREAANFIMKVIQS  
CFLSNRSRTYDMIQYYQNDIPY

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

**Theoretical MW (kDa):** 123.4

**Interspecies Antigen Sequence:** Mouse (98)

**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:** 5297

**Gene Symbol:** PI4KA

**Gene Alias:** FLJ16556, PI4K-ALPHA, PIK4CA, pi4K230

**Gene Summary:** This gene encodes a phosphatidylinositol (PI) 4-kinase which catalyzes the first committed step in the biosynthesis of phosphatidylinositol 4,5-bisphosphate. The mammalian PI 4-kinases have been classified into two types, II and III, based on their molecular mass, and modulation by detergent and adenosine. The protein encoded by this gene is a type III enzyme that is not inhibited by adenosine. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]