



# 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

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### CLK4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00057396-P01

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

**Product Description:** Human CLK4 full-length ORF ( NP\_065717.1, 1 a.a. - 481 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRHSKRTHCPDWDSRESWGHESEYRGSYRSHKRKRSHS  
STQENRHCKPHHQFKESDCHYLEARSLNERDYRDRR  
YVDEYRNDYCEGYVPRHYHRDIESGYRIHCSKSSVRS  
RRSSPKRKRNRHCSSHQSRKSHRRKRSRSIEDDEE  
GHLICQSGDVLRLARYEIVDTLGEAGFGKVVCEIDHGM  
DGMHVAVKIVKNVGRYREARSEIQVLEHLNSTDPNS  
VFRCVQMLEWFDHHGHVCIVFELLGLSTYDFIKENSFL  
PFQIDHIRQMAYQICQSINFLHHNKLTHDLKPENILFV  
KSDYVVKYNSKMKRDERTLKNNTDIKVVDFGSATYDDE  
HHSTLVSTRHYRAPEVILALGWSQPCDVWSIGCILIEY  
YLGFTVFQTHDSKEHLAMMERILGPIQHQMIQKTRKRK  
YFHHNQLDWDEHSSAGRYVRRRCKPLKEFMLCHDEE  
HEKLFDLVRRMLEYDPTQRITLDEALQHPFFDLLKKK

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

**Theoretical MW (kDa):** 78.54

**Interspecies Antigen Sequence:** Mouse (97)

**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:** 57396

**Gene Symbol:** CLK4

**Gene Alias:** DKFZp686A20267

**Gene Summary:** The protein encoded by this gene belongs to the CDC2-like protein kinase (CLK) family. This protein kinase can interact with and phosphorylate the serine- and arginine-rich (SR) proteins, which are known to play an important role in the formation of spliceosomes, and thus may be involved in the regulation of alternative splicing. Studies in the Israeli sand rat *Psammomys obesus* suggested that the ubiquitin-like 5 (UBL5/BEACON), a highly conserved ubiquitin-like protein, may interact with and regulate the activity of this kinase. Multiple alternatively spliced transcript variants have been observed, but the full-length natures of which have not yet been determined. [provided by RefSeq]