



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) 

Datasheet

RFK (Human) Recombinant Protein (P01)

Catalog Number: H00055312-P01

Regulation Status: For research use only (RUO)

Product Description: Human RFK full-length ORF (AAH07069, 1 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPRADCIMRHLPYFCRGQVVRGFGGRGSKQLGIPTANF
PEQVVDNLPADISTGIYYGWASVSGDVKHMMVVSIGW
NPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRP
EKNFDSLESLSIAIQGDIEEAKKRLELPEHLKIKEDNFFQ
VSKSKIMNGH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 43.56

Interspecies Antigen Sequence: Mouse (93); Rat (93)

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: 55312

Gene Symbol: RFK

Gene Alias: FLJ11149, RIFK

Gene Summary: Riboflavin kinase (RFK) is an essential

enzyme catalyzing the phosphorylation of riboflavin (vitamin B2) to form flavin mononucleotide (FMN), an obligatory step in vitamin B2 utilization and flavin cofactor synthesis (Karthikeyan et al., 2003 [PubMed 12623014]).[supplied by OMIM]

References:

1. A Bifunctional Molecule as an Artificial Flavin Mononucleotide Cyclase and a Chemosensor for Selective Fluorescent Detection of Flavins. Rhee HW, Choi SJ, Yoo SH, Jang YO, Park HH, Pinto RM, Cameselle JC, Sandoval FJ, Roje S, Han K, Chung DS, Suh J, Hong JI. J Am Chem Soc. 2009 Jul 29;131(29):10107-12.