



# 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](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

### RAG1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005896-P01

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

**Product Description:** Human RAG1 full-length ORF (AAH37344.1, 1 a.a. - 931 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAASFPTLGLSSAPDEIQHPHIKFSEWKFLFRVRSF  
EKTPEEAQKEKKDSFEGKPSLEQSPAVLDKADGQKPV  
PTQPLLKAHPKFSKKFHDNEKARGKAIHQANLRHLCRI  
CGNSFRADEHNRRYPVHGPVDGKTLGLLRKKKEKRAT  
SWPDLIAKVFRIDVKADVDSIHPTEFCHNCWSIMHRKF  
SSAPCEVYFPRNVTMEWHPHTPSCDICNTARRGLKRK  
SLQPNLQLSKKLTVDLQARQARQRKRRARISSKD  
VMKKIANCSKIHLSTKLLAVDFPEHFVKSISCQICEHILA  
DPVETNCKHVFCRVCILRCLKVMGSYCPSCRYPCFPT  
DLESPVKSFLSVLNSLMVKCPAKECNEEVSLKYNHHI  
SSHKESKEIFVHINKGGRPRQHLSSLTRRAQKHRLREL  
KLQVKAFADKEEGDVKSVCMTLFLALRARNEHRQA  
DELEAIMQGGKSGLQPAVCLAIRVNTFLSCSQYHKMY  
RTVKAITGRQIFQPLHALRNAEKVLLPGYHHFEWQPPL  
KNVSSSTDVGIIDGLSGLSSSVDDYPVDTIKRFRYDS  
ALVSALMDMEEDILEGMRSQDLDDYLNGPFTVVVKES  
CDGMGDVSEKHGSGPVVPEKAVRFSFTIMKITIAHSSQ  
NVKVFEEAKPNSELCKPLCLMLADESDHETLTAILSP  
LIAERAMKSELMLLELGGILRTFKFIFRGTGYDEKLVR  
EVEGLEASGSVYICTLCDATRLEASQNLVFSITRSHA  
ENLERYEVWRSNPYHESVEELRDRVKGVSAPFIETV  
PSIDALHCDIGNAAEFYKIFQLEIGEYKPNNASKEERK  
RWQATLDKHLRKKMNLKPIRMNGNFARKLMTKETV  
DAVCELIPSEERHEALRELMDLYLKMKPVWRSSCPAK  
ECPESLCQYSFNSQRFAELLSTKFKYRN

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

**Theoretical MW (kDa):** 132.6

**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:** 5896

**Gene Symbol:** RAG1

**Gene Alias:** MGC43321, RNF74

**Gene Summary:** The protein encoded by this gene is involved in activation of immunoglobulin V-D-J recombination. The encoded protein is involved in recognition of the DNA substrate, but stable binding and cleavage activity also requires RAG2. Defects in this gene can be the cause of several diseases. [provided by RefSeq]