



# 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

### KLRC1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003821-P01

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

**Product Description:** Human KLRC1 full-length ORF ( NP\_002250.1, 1 a.a. - 233 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDNQGVIIYSDLNLPNPKRQQRKPKGNKSSILATEQEI  
TYAELNLQKASQDFQGNDKTYHCKDLPSAPEKLIVGIL  
GIICLILMASVVTIVVIPSTLIQRHNNSSLNTRTQKARHC  
GHCPEEWITYSNSCYIYGKERRTWEESLLACTSKNSS  
LLSIDNEEEMKFLSIISPSWIGVFRNSSHHPWVTMNG  
LAFKHEIKDSDNAELNCAVLQVNRLLKSAQCGSSIIYHC  
KHKL

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

**Theoretical MW (kDa):** 52.7

**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:** 3821

**Gene Symbol:** KLRC1

**Gene Alias:** CD159A, MGC13374, MGC59791, NKG2, NKG2A

**Gene Summary:** Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor family, also called NKG2 family, which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member, KLRD1/CD94, and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Four alternatively spliced transcript variants encoding two distinct isoforms have been observed. [provided by RefSeq]