



# 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

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## Datasheet

### KLRK1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00022914-P01

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

**Product Description:** Human KLRK1 full-length ORF ( NP\_031386.1, 1 a.a. - 216 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGWIRGRRSRHSWEMSEFHNYNLDLKKSDFSTRWQ  
KQRCPVVKSKRENASPFFFCFIAVAMGIRFIIMVAIW  
SAVFLNSLFNQEVQIPLTESYCGPCPNWICYKNNCY  
QFFDESKNWYESQASCMSQNASLLKVYSKEDQDLLK  
LVKSYHWMGLVHIPTNGSWQWEDGSILSPNLLTIEMQ  
KGDALYASSFKGYIENCSTPNTYICMQRTV

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

**Theoretical MW (kDa):** 51.7

**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:** 22914

**Gene Symbol:** KLRK1

**Gene Alias:** CD314, D12S2489E, FLJ17759, FLJ75772, KLR, NKG2-D, NKG2D

**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. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. This gene encodes a member of the NKG2 family, and the encoded transmembrane protein is characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed in NK cells. [provided by RefSeq]