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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

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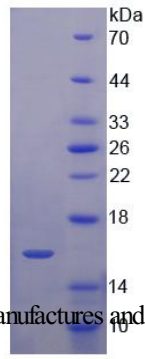
www.szabo-scandic.com

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Product Number	OPCD00735
Product Page	www.avivasysbio.com/klrk1-recombinant-protein-opcd00735.html
Name	KLRK1 Recombinant Protein (OPCD00735)
Protein Size (# AA)	Thr92~Val216 amino acids
Molecular Weight	16kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	100528032 22914
Host	E.coli
Purity	> 95%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	killer cell lectin like receptor K1 KLRC4-KLRK1 readthrough
Alias Symbols	CD314;D12S2489E;killer cell lectin-like receptor subfamily K member 1;killer cell lectin-like receptor subfamily K, member 1;KLR;NK cell receptor D;NKG2D;NKG2-D;NKG2-D type II integral membrane protein;NKG2-D-activating NK receptor.
Product Format	Freeze-dried Powder. PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Description of Target	Function as an activating and costimulatory receptor involved in immunosurveillance upon binding to various cellular stress-inducible ligands displayed at the surface of autologous tumor cells and virus-infected cells. Provides both stimulatory and costimulatory innate immune responses on activated killer (NK) cells, leading to cytotoxic activity. Acts as a costimulatory receptor for T-cell receptor (TCR) in CD8(+) T-cell-mediated adaptive immune responses by amplifying T-cell activation. Stimulates perforin-mediated elimination of ligand-expressing tumor cells. Signaling involves calcium influx, culminating in the expression of TNF-alpha. Participates in NK cell-mediated bone marrow graft rejection. May play a regulatory role in differentiation and survival of NK cells. Binds to ligands belonging to various subfamilies of MHC class I-related glycoproteins including MICA, MICB, RAET1E, RAET1G, RAET1L/ULBP6, ULBP1, ULBP2, ULBP3 (ULBP2>ULBP1>ULBP3) and ULBP4.
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for KLRK1 Recombinant Protein (OPCD00735)
Additional Information	Endotoxin Level: < 1.0 EU per 1 ug (determined by the LAL method)
Additional Information	Residues: Thr92-Val216
Uniprot ID	P26718
Protein Name	NKG2-D type II integral membrane protein
Protein Accession #	NP_001186734.1
Nucleotide Accession #	NM_001199805.1
Gene Symbol	KLRC4-KLRK1 KLRK1
Predicted Species Reactivity	Homo sapiens Human
Application	Ctrl (+), SDS-PAGE, WB

Image 1

SDS-PAGE



KLRK1 Recombinant Protein (OPCD00735) using SDS-PAGE

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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