



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

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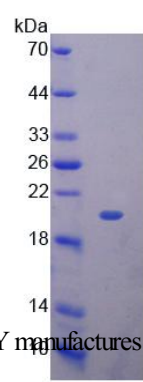
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Product Number	OPCD00716
Product Page	www.avivasysbio.com/klrk1-recombinant-protein-opcd00716.html
Name	KLRK1 Recombinant Protein (OPCD00716)
Protein Size (# AA)	Phe90~Val232 amino acids
Molecular Weight	20kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	27007
Host	E.coli
Purity	> 90%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	killer cell lectin-like receptor subfamily K, member 1
Alias Symbols	D6H12S2489;D6H12S2489E;Killer cell lectin-like receptor subfamily K member 1;natural killer cell group 2D;NK cell receptor D;Nkg2;NKG2-;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 RAET1A, RAET1B, RAET1C, RAET1D, RAET1E, H60 and MULTI.
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for KLRK1 Recombinant Protein (OPCD00716)
Additional Information	Endotoxin Level: < 1.0 EU per 1 ug (determined by the LAL method)
Additional Information	Residues: Phe90-Val232
Uniprot ID	Q54709
Protein Name	NKG2-D type II integral membrane protein
Protein Accession #	NP_001076791.1
Nucleotide Accession #	NM_001083322.2
Gene Symbol	Klrk1
Predicted Species Reactivity	Mouse Mus musculus
Application	Ctrl (+), SDS-PAGE, WB

<p>Image 1</p>	<p>SDS-PAGE</p>  <p>KLRK1 Recombinant Protein (OPCD00716) using SDS-PAGE</p> <p>AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.</p> <p>This product is for Research Use Only. Not for diagnostic, human, or veterinary use.</p> <p>Optimal conditions of its use should be determined by end users.</p>
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