

Recombinant Human KLRC2 293 Cell Lysate

Cat. No. KLRC2-4895HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for killer cell lectin-like receptor subfamily C, member 2 (KLRC2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

KLRC2 killer cell lectin-like receptor subfamily C, member 2 [Homo sapiens]

Official Symbol

KLRC2

Synonyms

KLRC2; killer cell lectin-like receptor subfamily C, member 2; NKG2-C type II integral membrane protein; CD159c; NKG2 C; NK cell receptor C; NKG2-C-activating NK receptor; CD159 antigen-like family member C; NKG2C; NKG2-C; MGC138244;

Gene ID

3822

mRNA Refseq

NM_002260

Protein Refseq

NP_002251

MIM

602891

UniProt ID

P26717

**Chromosome
Location**

12p13

Pathway

Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

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Function

protein binding; receptor activity; sugar binding; transmembrane signaling receptor activity;

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