

Recombinant Human KIR3DL2 293 Cell Lysate

Cat. No. KIR3DL2-4938HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 (KIR3DL2) 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 KIR3DL2 killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2 [Homo sapiens]

Official Symbol KIR3DL2

Synonyms KIR3DL2; killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2; killer cell immunoglobulin-like receptor 3DL2; CD158K; cl 5; nkat4; nkat4a; nkat4b; KIR antigen 3DL2; killer Ig receptor; p70 NK receptor CL-5; MHC class I NK cell receptor; CD158 antigen-like family member K; p70 killer cell inhibitory receptor; natural killer-associated transcript 4; natural killer cell inhibitory receptor; p70 natural killer cell receptor clone CL-5; killer cell immunoglobulin-like receptor KIR3DL2; p140; NKAT4; NKAT-4; NKAT4B; MGC125321;

Gene ID 3812

mRNA Refseq NM_001242867

Protein Refseq NP_001229796

MIM 604947

UniProt ID P43630

Chromosome Location 19q13.4

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Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Graft-versus-host disease, organism-specific biosystem; Graft-versus-host disease, conserved biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem;

Function

receptor activity;

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