

Recombinant Human KIR2DS3 293 Cell Lysate

Cat. No. KIR2DS3-4939HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 3 (KIR2DS3) 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

KIR2DS3 killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 3 [Homo sapiens]

Official Symbol

KIR2DS3

Synonyms

NKAT7; killer cell immunoglobulin-like receptor 2DS3; NKAT-7; MHC class I NK cell receptor; natural killer-associated transcript 7; natural killer cell inhibitory receptor

Gene ID

3808

mRNA Refseq

NM_012313

Protein Refseq

NP_036445

MIM

604954

UniProt ID

Q14952

Chromosome Location

19q13.4

Pathway

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

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