

Datasheet for ABIN934898
KIR2DL3 Protein (AA 1-202)



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Overview

Quantity:	100 µg
Target:	KIR2DL3
Protein Characteristics:	AA 1-202
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MEGVHRKPSL LAHPGPLVKS EETVILQCWS DVRFQHFLH REGKFKDTLH LIGEHHDGIS
KANFSIGPMM QDLAGTYRCY GSVTHSPYQL SAPSDPLDIV ITGLYEKPSL SAQPGPTVLA
GESVTLSCSS RSSYDMYHLS REGEAHERRF SAGPKVNGTF QADFPLGPAT HGGTYRCFGS
FRDSPYEWSN SSDPLLVSVT GN

Characteristics: Purified recombinant Human KIR2 DL3 protein
Expression System: E.coli
Molecular weight on SDS-PAGE will appear higher.

Purity: > 95 % pure

Target Details

Target: KIR2DL3
Alternative Name: KIR2DL3 ([KIR2DL3 Products](#))

Target Details

Background: An inhibitory Killer Cell Ig-like Receptor(KIR, previously called p58 KIR, cl-6, NKAT2 or KIR-K7), which recognizes class I MHC molecules (HLA-Cw1, -Cw3, -Cw7, and Cw8). The protein coding region of the extracellular domain of KIR2DL3 (amino acid 1-202) was cloned into an E. coli expression vector. The extracellular domain of KIR2DL3 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

Alternative Names: CD158B2 protein, KIR-2, Killer cell immunoglobulin-like receptor 2DL3 protein, p58 natural killer cell receptor clone CL-6 protein, CD158) protein, KIR2DL3 protein, NKAT2b protein, MHC class I NK cell receptor protein, KIR 2, Killer inhibitory receptor CL2 3 protein, Killer cell immunoglobulin-like receptor 2DL3 CD158b protein, p58 protein, GL183 protein, KIR023GB protein, NKAT-2 protein, Natural Killer Associated Transcript 2 protein, KIR2DL3 (p58 KIR protein, Natural killer-associated transcript 2 protein, KIR 2 protein, MHC Class I NK Cell Receptor protein, KIR2, KIR-2 protein, NKAT2a protein, Killer Cell Immunoglobulin Like Receptor 2DL3 protein, p58 Natural Killer Cell Receptor Clone CL6 protein, NKAT2 protein, p58 NK receptor protein, KIRCL23 protein, p58.2 MHC class-I-specific NK re protein, p58.2 MHC Class I Specific NK Receptor protein

Molecular Weight: 22.2 kDa (202 AA)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: KIR2 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH7.5.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.