Datasheet for ABIN934897

KIR2DL1 Protein

1 Image

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Overview

Quantity:	100 µg
Target:	KIR2DL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MEGVHRKPSL LAHPGRLVKS EETVILQCWS DVMFEHFLLH REGMFNDTLR LIGEHHDGVS KANFSISRMT QDLAGTYRCY GSVTHSPYQV SAPSDPLDIV IIGLYEKPSL SAQLGPTVLA GENVTLSCSS RSSYDMYHLS REGEAHERRL PAGPKVNGTF QADFPLGPAT HGGTYRCFGS FHDSPYEWSK SSDPLLVSVT GN
Characteristics:	Purified recombinant Human KIR2 DL1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	KIR2DL1
Alternative Name:	KIR2DL1 (KIR2DL1 Products)
Background:	An inhibitory Keller Cell Ig-like Receptor(KIR, previously called p58 KIR, p58.1, cl-42, NKAT1, or

Target Details

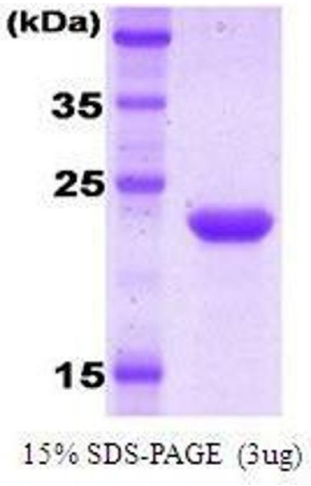
	KIR-K6), which recognizes class I MHC molecules(HLA-Cw2, -Cw4, -Cw5, and Cw6). The protein coding region of the extracellular domain of KIR2DL1(amino acids 1-202) was cloned into an E. coli expression vector. The extracellular domain of KIR2DL1 was overexpressed as insoluble protein aggregates(inclusion bodies). The recombinant KIR2DL1 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer. Alternative Names: KIR2, Killer cell immunoglobulin-like receptor 2DL1 protein, Natural killer associated transcript 1 protein, Killer cell immunoglobulin-like receptor 2DL1 Killer cell immunoglobulin like receptor 2DL1 protein, KIR-2, p58.1 MHC class-I-specific NK receptor protein, MHC class I NK cell receptor protein, KIR 2 protein, NKAT 1 protein, p58 NK receptor protein, CD158A protein, KIR 2, KIR-2 protein, NKAT1 protein, p58 NK receptor protein, p58.1 MHC class I specific NK receptor, NKAT-1 protein, p58 natural killer cell receptor clones CL-42/47.11 protein, KIR2DL1 (p58 KIR protein, CD158) protein, MHC class I NK cell receptor protein, Natural killer-associated transcript 1 protein, KIR2DL1 protein
Molecular Weight:	22.2 kDa

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.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.

