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Datasheet for ABIN7317318 **KIR2DL4/CD158d Protein**

Overview

Quantity:	100 µg
Target:	KIR2DL4/CD158d (KIR2DL4)
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human KIR2DL4/CD158D Protein
Sequence:	Met 1-His242
Characteristics:	A DNA sequence encoding the human KIR2DL4 (ADY38409.1)(Met1-His242) was expressed with six amino acids (LEVLFQ) at the C-terminus was expressed and purified.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	KIR2DL4/CD158d (KIR2DL4)
Alternative Name:	KIR2DL4/CD158D (KIR2DL4 Products)
Background:	Background: KIR2DL4, also known as CD158d, is a member of the killer cell Ig-like receptor (KIR) family. KIRs are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous. KIR2DL4 is expressed in all NK cells and some T cells. KIR2DL4 activates the cytotoxicity of NK cells,

Target Details

despite the presence of an immunoreceptor tyrosine-based inhibition motif (ITIM) in its cytoplasmic tail. The ITIM was not necessary for activation of lysis by KIR2DL4. The activation signal of KIR2DL4 was sensitive to inhibition by another ITIM-containing receptor. The activation-deficient mutant of KIR2DL4 inhibited the signal delivered by the activating receptor CD16.

Synonym: Killer Cell Immunoglobulin-Like Receptor 2DL4, CD158 Antigen-Like Family Member D, G9P, Killer Cell Inhibitory Receptor 103AS, KIR-103AS, MHC Class I NK Cell Receptor KIR103AS, CD158d, KIR2DL4, CD158D, KIR103AS

Molecular Weight:	25.1 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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