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Datasheet for ABIN7318706

KIR2DL4/CD158d Protein (His tag)

Overview

Quantity:	50 µg
Target:	KIR2DL4/CD158d (KIR2DL4)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIR2DL4/CD158d protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human KIR2DL4/CD158D Protein (His Tag)
Sequence:	Trp22-His242
Characteristics:	Recombinant Human Killer cell immunoglobulin-like receptor 2DL4 is produced by our Mammalian expression system and the target gene encoding Trp22-His242 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % 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: Killer cell immunoglobulin-like receptor 2DL4(KIR2DL4) is a Single-pass type I membrane protein and contains 2 Ig-like C2-type (immunoglobulin-like) domains.It belongs to

Target Details

the immunoglobulin superfamily. KIR2DL4 is expressed in all NK cells and some T cells. KIR2DL4 activates the cytotoxicity of NK cells, 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:	25.3 kDa
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UniProt:	Q99706
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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 a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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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