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KIR3DL2 Protein (AA 22-338) (His tag)

Images



Overview

Quantity:	100 μg
Target:	KIR3DL2
Protein Characteristics:	AA 22-338
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIR3DL2 protein is labelled with His tag.

Product Details

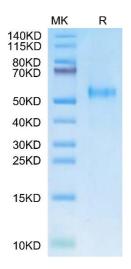
Purpose:	Rhesus macaque KIR3DL2 Protein
Sequence:	His22-His338
Characteristics:	Recombinant Rhesus macaque KIR3DL2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains His22-His338.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	KIR3DL2
Alternative Name:	KIR3DL2 (KIR3DL2 Products)

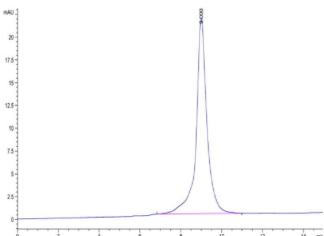
Target Details

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Background:	KIR3DL2 is a member of the killer cell immunoglobulin-like receptor (KIR) family that was initially identified at the surface of natural killer (NK) cells. KIR3DL2, also known as CD158k, is expressed as a disulfide-linked homodimer. Each chain is composed of three immunoglobulin-like domains and a long cytoplasmic tail containing two immunoreceptor tyrosine-based inhibitory motifs.
Molecular Weight:	35.39 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	F7GCU5
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

 $\pmb{\text{Image 1.}}$ Rhesus macaque KIR3DL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Rhesus macaque KIR3DL2 is greater than 95 % as determined by SEC-HPLC.