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NINJ1 Protein (Fc Tag)





Overview

Quantity:	100 μg
Target:	NINJ1
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NINJ1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat Ninjurin-1/NINJ1 Protein (Fc Tag)
Sequence:	Met 1-Pro 79
Characteristics:	A DNA sequence encoding the rat NINJ1 (P70617) extracellular domain (Met 1-Pro 79) was fused with the Fc region of human IgG1 at the N-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	$<$ 1.0 EU per μg of the protein as determined by the LAL method

Target Details

Target:	NINJ1
Alternative Name:	Ninjurin-1/NINJ1 (NINJ1 Products)
Background:	Background: Ninjurin-1, also known as NINJ1, is a member of the Ninjurin family of transmembrane (TM) proteins. It is expressed in CD19(+) CD10(+) B-cell progenitor cells and higher levels in B-lineage acute lymphoblastic leukemia cells. Ninjurin-1 is expressed also in a

number of other adult and embryonic tissues, predominantly in epithelial cells. Its expression is upregulated after axotomy in neurons and in Schwann cells surrounding the distal nerve segment. Upregulated expression of ninjurin-1 has been identified as a marker of minimal residual disease in B-lineage acute lymphoblastic leukemia. It mediates homophilic adhesion, and promotes neurite extension of dorsal root ganglion neurons in vitro. Ninjurin-1 has been found to show a high expression level in the liver tissue of patients with hepatocellular carcinoma, and this seems to be associated with cases of cirrhosis and chronic viral hepatitis. It has been reported that NINJURIN increases p21 expression and induces cellular senescence in human hepatoma cells.

Synonym: NINJ1

Molecular Weight:

37 kDa

UniProt:

P70617

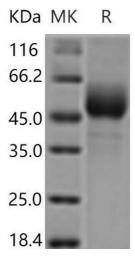
Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
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.



Western Blotting

Image 1.