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Datasheet for ABIN7505570

NKp44/NCR2 Protein (AA 1-190) (His tag)

Overview

Quantity:	100 µg
Target:	NKp44/NCR2 (NCR2)
Protein Characteristics:	AA 1-190
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NKp44/NCR2 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Pro 190
Characteristics:	A DNA sequence encoding the human NCR2 (NP_004819.2) extracellular domain (Met 1-Pro 190) was fused with a polyhistidine tag at the C-terminus.
Purity:	>88 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	NKp44/NCR2 (NCR2)
Alternative Name:	NCR2 (NCR2 Products)
Background:	Background: Natural cytotoxicity triggering receptor 2 (NCR2), also known as Natural killer cell p44-related protein (NKp44), or CD336, is a member of the natural cytotoxicity receptor (NCR) family, which composed of one Ig-like extracellular domain, a transmembrane segment, and a

Target Details

cytoplasmic domain. It is a novel transmembrane glycoprotein belonging to the Immunoglobulin superfamily characterized by a single extracellular V-type domain. The cytoplasmic domain of NKp44 also contains a sequence that matches the immunoreceptor tyrosine-based inhibitory motif (ITIM) consensus. This Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. NKp44 is selectively expressed by IL-2-activated NK cells and may contribute to the increased efficiency of activated NK cells to mediate tumor cell lysis. Tumor cell recognition of the mutated NKp44 proteins was significantly reduced and correlated with their lower recognition of heparin.

Synonym: CD336,dJ149M18.1,LY95,NK-p44,NKP44,RP1-149M18.2

Molecular Weight: 20 kDa

UniProt: [O95944](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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.

Expiry Date: 12 months