Datasheet for ABIN7505697

NCR3 Protein (AA 1-135) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	NCR3
Protein Characteristics:	AA 1-135
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR3 protein is labelled with His tag.

Product Details

Sequence:	Met1-Gly135
Characteristics:	A DNA sequence encoding the Human NKp30/NCR3 protein (O14931) (Met1-Gly135) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	NCR3
Alternative Name:	NKp30 (NCR3 Products)
Background:	Abbreviation: NKp30,NCR3 Target Synonym: Natural Cytotoxicity Triggering Receptor 3,Activating Natural Killer Receptor p30,Natural Killer Cell p30-Related Protein,NK-p30,NKp30,CD337,NCR3,1C7,LY117,1C7,DAAP-90L16.3,MALS

Target Details

	Background: Natural Cytotoxicity Triggering Receptor 3, NCR3, also known as NKp30, or CD337, is a natural cytotoxicity receptor, expressed on subsets of human peripheral blood NK cells, involved in NK cell killing of tumor cells and immature dendritic cells. The cellular ligand for NKp30 has remained elusive, but the membrane-associated heparan sulfate (HS) proteoglycans are involved in the recognition of cellular targets by NKp30 was recently reported. NKp30 is a member of the immunoglobulin superfamily and one of three existing natural cytotoxicity-triggering receptors. NKp30 is a glycosylated protein and is thought to be selectively expressed in resting and activated natural killer cells. NKp30 is a stimulatory receptor on human NK cells implicated in tumor immunity, and is capable of promoting or terminating dendritic cell maturation. NCR3 may play a role in inflammatory and infectious diseases.
Molecular Weight:	Calculated MW: 14.74 kDa Observed MW: 25 kDa
UniProt:	O14931
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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