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Datasheet for ABIN1097236

**NCR3 Protein (AA 19-138) (His tag)**

## Overview

Quantity:	50 µg
Target:	NCR3
Protein Characteristics:	AA 19-138
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human NCR3/NKp30/CD337 (C-6His)
Sequence:	LWVSQPPEIR TLEGSSAFLP CSFNASQGRL AIGSVTWFRD EVVPGKEVRN GTPEFRGRLA PLASSRFLHD HQAELHIRDV RGHDAISIYVC RVEVLGLGVG TGNCTRLVVE KEHPQLGAGT VDHHHHHH
Characteristics:	Recombinant Human NCR3/NKp30/CD337 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	NCR3
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## Target Details

Alternative Name:	Natural Cytotoxicity Triggering Receptor 3/NCR3 ( <a href="#">NCR3 Products</a> )
Background:	<p>Recombinant Human Natural Cytotoxicity Triggering Receptor 3/NCR3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Leu19-Thr138) of Human NCR3.</p> <p>Natural Cytotoxicity Triggering Receptor 3 (NCR3) along with NKp44 and NKp46 constitute a group of receptors termed 'Natural Cytotoxicity Receptors'. They play a major role in triggering NK-mediated killing of most tumor cells lines. NKp30 is a type I transmembrane protein having a single extracellular V-like immunoglobulin domain. NKp30 is selectively expressed both in resting and activated human NK cells. In addition, NKp30 is also involved in NK-mediated induction of dendritic cell (DC) maturation. It has been demonstrated that NK cell activation signaling specifically induces lytic activity against several tumor cell types and synthesis of new NF-κB dependent proteins during the initiation of cytotoxicity.</p>
Molecular Weight:	12.84 kDa
UniProt:	<a href="#">O14931</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>