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Datasheet for ABIN1692293  
**NCR3 Protein (AA 19-138) (Fc 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 Fc Tag.

### Product Details

Purpose:	Recombinant Human NCR3/NKp30/CD337 (C-Fc)
Sequence:	LWVSQPPEIR TLEGSSAFLP CSFNASQGRL AIGSVTWFRD EVVPGKEVRN GTPEFRGRLA PLASSRFLHD HQAELHIRDV RGHDAIYVC RVEVLGLGVG TGNTRLVVE KEHPQLGAGT VDDIEGRMDE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTPP VLDS DGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKLSLSLSPG K
Characteristics:	Recombinant Human NCR3/NKp30/CD337 (C-Fc)
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

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Target:	NCR3
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 HEK293 expression system. The target protein is expressed with sequence (Leu19 -Thr138) of Human NCR3 fused with a FC tag at the C-terminus.</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:	40.2 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

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
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 7.4.
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>