Datasheet for ABIN7318807

NCR3 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	NCR3
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 Protein (His Tag)
Sequence:	Leu19-Thr138
Characteristics:	Recombinant Human Natural Cytotoxicity Triggering Receptor 3 is produced by our Mammalian expression system and the target gene encoding Leu19-Thr138 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NCR3
Alternative Name:	NCR3/NKp30 (NCR3 Products)
Background:	Background: Natural Cytotoxicity Triggering Receptor 3 (NCR3) along with NKp44 and NKp46 constitute a group of receptors termed ""Natural Cytotoxicity Receptors"". They play a major

Target Details

	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. 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
Molecular Weight:	12.8 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
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
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.