

Datasheet for ABIN2181532
NCR3 Protein (AA 19-135) (Fc Tag)

2 Images

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Overview

Quantity:	100 µg
Target:	NCR3
Protein Characteristics:	AA 19-135
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR3 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 19-135
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 39.5 kDa. As a result of glycosylation, the protein migrates as 45-55 kDa under reducing (R) condition, and 90-110 kDa under non-reducing (NR) condition (SDS-PAGE).
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	NCR3
Alternative Name:	NKp30 (NCR3 Products)

Target Details

Background: Natural cytotoxicity triggering receptor 3 (NCR3) is also known as Activating natural killer receptor p30, Natural killer cell p30-related protein (NK-p30), CD antigen CD337, 1C7, LY117. NCR3 /CD337 /NKp30 belongs to the natural cytotoxicity receptor (NCR) family. NCR3 /NKp30 contains one Ig-like (immunoglobulin-like) domain. NCR3 /NKp30 is selectively expressed by all resting and activated NK cells and weakly expressed in spleen. NCR3 is homodimer in the unliganded form. NCR3 interacts with CD3Z. NCR3 interacts with and is activated by binding to NCR3LG1 or BAG6. Engagement of NCR3 by BAG6 also promotes dendritic cell (DC) maturation, both through killing those DCs that did not properly acquire a mature phenotype, and inducing NK cells to release TNFA and IFNG, which promotes DC maturation.

Molecular Weight: 39.5 kDa

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Restrictions: For Research Use only

Handling

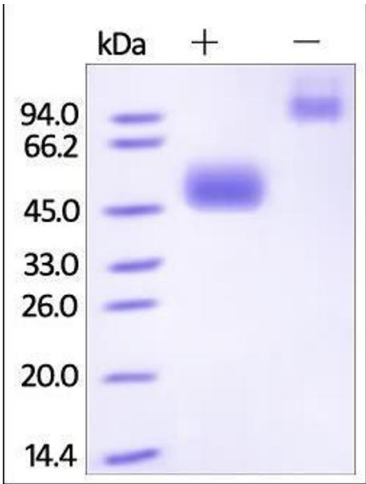
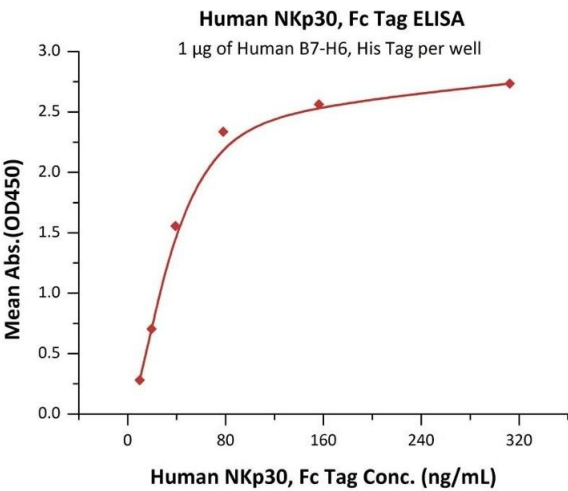
Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).



ELISA

Image 1. Immobilized Human B7-H6, His Tag (ABIN6386456,ABIN6388280) at 10 µg/mL (100 µL/well) can bind Human NKp30, Fc Tag (ABIN2181533,ABIN2181532) with a linear range of 2-78 ng/mL (QC tested).

SDS-PAGE

Image 2. Human NKp30, Fc Tag on SDS-PAGE under reducing (R) and no-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.