

Datasheet for ABIN7275349

NCR1 Protein (AA 22-254) (His tag,Biotin)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	NCR1
Protein Characteristics:	AA 22-254
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR1 protein is labelled with His tag,Biotin.

Product Details

Purpose:	Biotinylated Human NKp46/NCR1/CD335 Protein (Primary Amine Labeling)
Sequence:	Gln22-Asn254
Characteristics:	Recombinant Biotinylated Human NKp46/NCR1/CD335 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the N-Terminus.It contains Gln22-Asn254.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-Nkp46 Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human NKp46, His Tag with the EC50 of 3.1ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	NCR1
Alternative Name:	NKp46 (NCR1 Products)
Background:	NKp46, along with NKp30 and NKp44, are activating receptors that have been collectively termed the natural cytotoxicity receptors (NCR). These receptors lack significant sequence homology to one another. They are expressed almost exclusively by NK cells and play a major role in triggering some of the key lytic activities of NK cells.
Molecular Weight:	27.5 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.
Pathways:	Regulation of Leukocyte Mediated Immunity

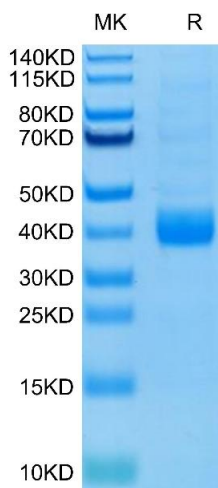
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

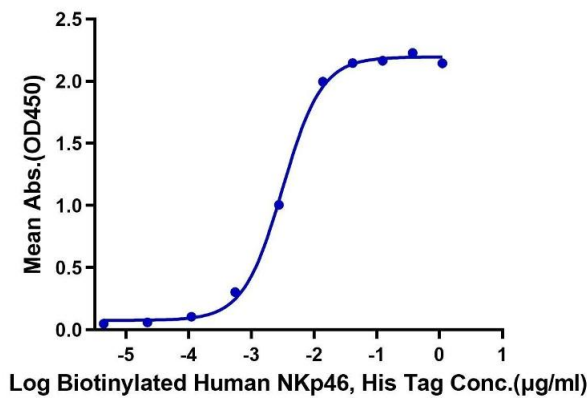
Images



SDS-PAGE

Image 1. Biotinylated Human NKp46 (Primary Amine Labeling) on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Biotinylated Human NKp46, His Tag ELISA
0.05µg Anti-Nkp46 Antibody, hFc Tag Per Well



ELISA

Image 2. Immobilized Anti-Nkp46 Antibody, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human NKp46, His Tag with the EC50 of 3.1 ng/mL determined by ELISA.