Human NKp46/NCR1/CD335 Protein

Cat. No. NKP-HM346

Description

Source	Recombinant Human NKp46/NCR1/CD335 Protein is expressed from Expi293 with mFc tag at the C-terminal.
	It contains Gln22-Asn255.
Accession	O76036-1
Molecular Weight	The protein has a predicted MW of 52.9 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

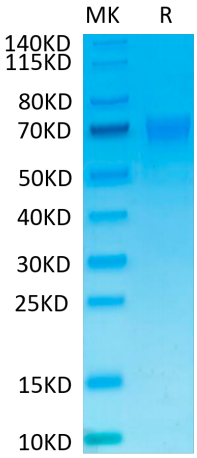
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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.

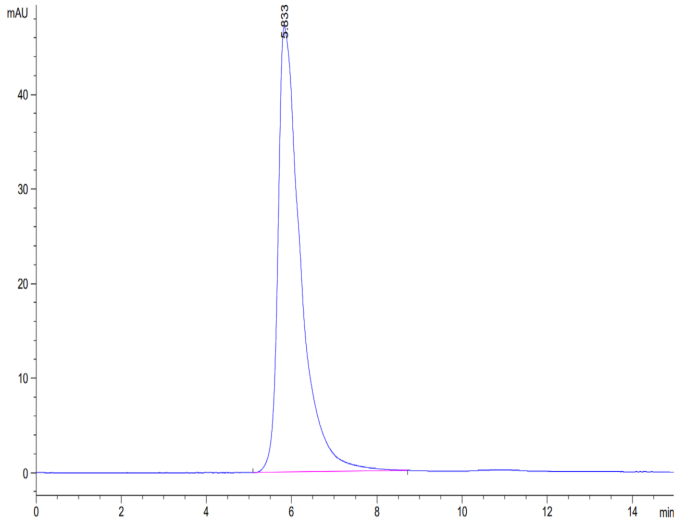
Assay Data

Tris-Bis PAGE



Human NKp46 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human NKp46 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human NKp46/NCR1/CD335 Protein

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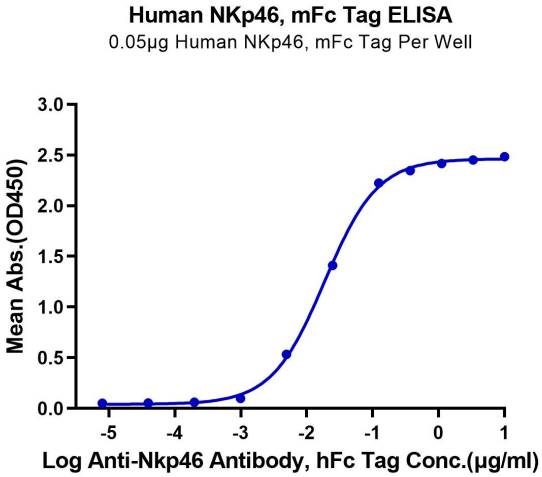
Assay Data



Immobilized Human NKp46, mFc Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-Nkp46 Antibody, hFc Tag with the EC50 of 18.7ng/ml determined by ELISA.