

Human NKG2A/CD159a Protein



Cat. No. NKG-HM410

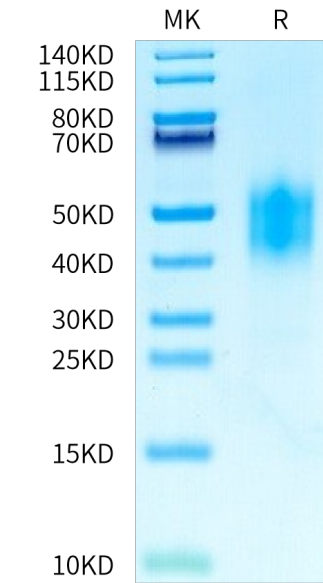
Description	
Source	Recombinant Human NKG2A/CD159a Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus. It contains Arg100-Leu233.
Accession	P26715-1
Molecular Weight	The protein has a predicted MW of 18.3 kDa. Due to glycosylation, the protein migrates to 40-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
NKG2, also known as NKG2A(CD159A), is a member of the killer cell lectin-like receptor family. NKG2A marks a unique immune effector subset preferentially co-expressing the tissue-resident CD103 molecule, but not immune checkpoint inhibitors.It is expressed only in NK-cells, but not in T-cells or B-cells.	

Assay Data

Bis-Tris PAGE



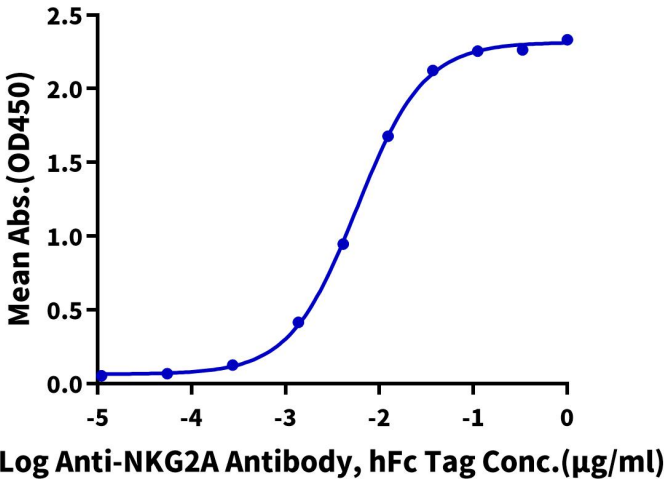
Human NKG2A on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Assay Data

Human NKG2A, His Tag ELISA

0.2µg Human NKG2A, His Tag Per Well



Immobilized Human NKG2A, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-NKG2A Antibody, hFc Tag with the EC50 of 5.8ng/ml determined by ELISA (QC Test).