Active Recombinant Human NKG2A & CD94 protein, Fc-Avi-tagged, Biotinylated

Cat. No. NKG2A & CD94-0559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human NKG2A & CD94 protein(Ala113-Leu233&Asp57-Ile179), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	113-233;57-179 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human NKG2A&CD94 Protein, Fc,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind various dilution ratio of HLA-E*01:03 HLA-A leader3-11 Tetramer-VMAPRTLVL-PE.
Molecular Mass	Molecular CharacterizationThis protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 40.4 kDa & 42.3 kDa. The protein migrates as 50-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala113-Leu233&Asp57-Ile179
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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