

Recombinant Human NKG2A&CD94 Protein,mFc Tag

产品信息

产品名称	产品编号	规格
Recombinant Human NKG2A&CD94 Protein,mFc Tag	94977ES25	25 µg
	94977ES60	100 µg
	94977ES76	500 µg

性能参数

蛋白别名 (Synonyms)	CD94; CD159a; NKG2-A;
表达系统及表达区间 (Source)	Human NKG2A&CD94 Protein is expressed from HEK293 with mFc (IgG1) tag at the C-Terminus. It contains Arg100-Leu233(NKG2A)&Ser34-Ile179(CD94).[Accession P26715-1(NKG2A)&Q13241-1(CD94)]
分子量 (Molecular Weight)	The protein has a predicted MW of 56.9 kDa. Due to glycosylation, the protein migrates to 70-90 kDa based on SDS-PAGE result.
内毒素 (Endotoxin)	< 1EU per µg by the LAL method.
活性 (Activity)	<p>Blocking Data: Serial dilutions of Anti-NKG2A Antibody were added into Biotinylated Human HLA-E*01:03 Complex Tetramer, His Tag : Human NKG2A&CD94, mFc Tag binding reactions. The half maximal inhibitory concentration (IC50) is 0.15µg/ml.</p> <p>ELISA Data: Immobilized Human NKG2A&CD94, mFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-NKG2A Antibody, hFc Tag with the EC50 of 12.4ng/ml determined by ELISA.</p> <p>SPR Data: Human NKG2A&CD94, mFc Tag captured on CM5 Chip via Anti-mouse Antibody can bind Human HLA-E Complex Tetramer, His Tag with an affinity constant of 7.90 nM as determined in SPR assay .</p>
纯度 (Purity)	> 95% as determined by SDS-PAGE and by HPLC.
制剂 (Formulation)	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
复溶方法 (Reconstitution)	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2 ~ 8 °C under sterile conditions after reconstitution.

3-6 months, -85~-65°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves,for your safety.
2. This product is for research use only.