

## Recombinant Human NKp30 / NCR3 / CD337 (hFc Tag)

### 产品信息

产品名称	产品编号	规格
Recombinant Human NKp30 / NCR3 / CD337 (hFc Tag)	94131ES20	20 µg
	94131ES60	100 µg
	94131ES76	500 µg
	94131ES80	1 mg

### 产品描述

NKp30 is a type I transmembrane protein having a single extracellular V-like immunoglobulin domain. NKp30 is expressed on both resting and activated NK cells of the CD56dim, CD16+ subset that account for more than 85% of NK cells found in peripheral blood and spleen. NKp30 is absent from the CD56bright, CD16- subset that constitutes the majority of NK cells in lymph node and tonsil, however, its expression is up-regulated in these cells upon IL-2 activation. Studies with neutralizing antibodies reveal that NKp30 is partially responsible for triggering lytic activity against several tumor cell types and that it is the main receptor responsible for NK-mediated lysis of immature dendritic cells.

### 产品性质

别名 (Synonyms)	CD337, LY117, NCR3, NKp30, 1C7, MALS
Uniprot No.	AAH52582
表达区间及表达系统 (Source)	Recombinant Human NKp30 / NCR3 / CD337 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Leu19-Thr138.
分子量(Molecular Weight)	Approximately 39.8 kDa. Due to glycosylation, the protein migrates to 53-60 kDa based on Tris-Bis PAGE result.
外观(Physical Appearance)	Sterile Filtered White lyophilized (freeze-dried) powder.
纯度 (Purity)	> 95% as determined by SDS-PAGE and HPLC
活性 (Activity)	<p><b>1. ELISA Data:</b> Immobilized Human NKp30, hFc Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-NKp30 Antibody, hFc Tag with the EC<sub>50</sub> of 13.4 ng/mL determined by ELISA.</p> <p><b>2. SPR Data:</b> Human NKp30, hFc Tag captured on CM5 Chip via Protein A can bind Human B7-H6, His Tag with an affinity constant of 23.10 nM as determined in SPR assay (Biacore T200).</p>
内毒素 (Endotoxin)	< 1.0 EU per 1µg of the protein by the LAL method.
制剂 (Formulation)	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
复溶 (Reconstitution)	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

### 运输与保存方法

冰袋运输。-20°C至-80°C保存，一年有效期。

复溶后，-20 至 -80°C，在未开封状态下保存 3-6 个月。复溶后，2-8°C 保存 2-7 天。

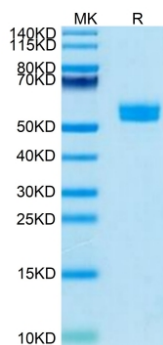
建议第一次使用时分装冻存，避免反复冻融。

## 注意事项

1. 避免反复冻融。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途！

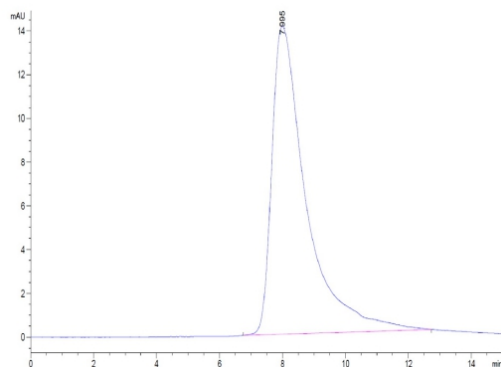
## 产品数据

### Tris-Bis PAGE



Human NKp30 on Tris-Bis PAGE under reduced condition.  
The purity is greater than 95%.

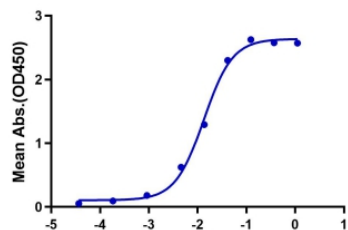
### SEC-HPLC



The purity of Human NKp30 is greater than 95% as determined by SEC-HPLC.

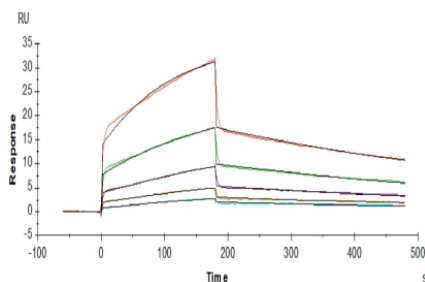
### ELISA Data

Human NKp30, hFc Tag ELISA  
0.05µg Human NKp30, hFc Tag Per Well



Immobilized Human NKp30, hFc Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-NKp30 Antibody, hFc Tag with the  $EC_{50}$  of 13.4 ng/mL determined by ELISA.

### SPR Data



Human NKp30, hFc Tag captured on CM5 Chip via Protein A can bind Human B7-H6, His Tag with an affinity constant of 23.10 nM as determined in SPR assay (Biacore T200).