

## Recombinant Human CD30/TNFRSF8 Protein, His tag

### 产品信息

产品名称	产品编号	规格
Recombinant Human CD30/TNFRSF8 Protein, His tag	94481ES25	25 µg
	94481ES60	100 µg
	94481ES76	500 µg
	94481ES80	1 mg

### 产品简介

CD30 is a cell membrane protein of the tumor necrosis factor receptor family that regulates proliferation/apoptosis and antibody responses, and is expressed by activated T cells and B cells. CD30 is considered to be a specific diagnostic biomarker for anaplastic large cell lymphoma (ALCL) and classical Hodgkin lymphoma (cHL), and also a biomarker for antibody-drug conjugate targeted therapy.

### 性能参数

<b>Synonyms</b>	TNFRSF8,CD30,D1S166E,Ki-1
<b>Uniprot No.</b>	P28908
<b>Source</b>	Human CD30 Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Phe 19 - Lys 379
<b>Molecular Weight</b>	The protein has a predicted MW of 39 kDa. And it migrates as 40-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	<1 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge tubes before opening. The concentration of protein solution used for lyophilization is generally 1mg/mL. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 µg/mL.

### 储存条件

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

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

3 months, -25~-15°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.

## 产品数据

SDS-PAGE

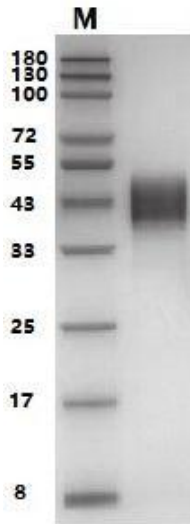


Figure 1. Human PDL1 on SDS-PAGE under reduced condition. The purity is greater than 90%.

Bioactivity -SPR Data

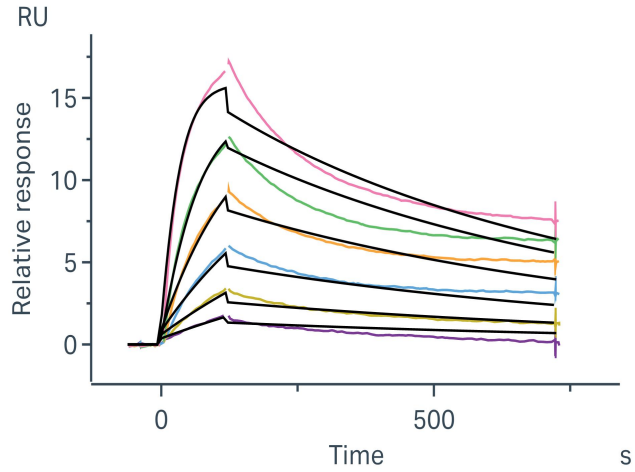


Figure 2 . Human CD30 Ligand (mouse Fc tag) captured on CM5 chip via Anti-mouse IgG Fc antibodies surface, can bind Human CD30, His Tag with an affinity constant of 11.5 n M as determined in a SPR assay (Biacore 8K).