

## Biotinylated Human CD200 R1/CRTR2 Protein, His-Avi Tag

### 产品信息

产品名称	产品编号	规格
Biotinylated Human CD200 R1/CRTR2 Protein, His-Avi Tag	93794ES60	100 µg
	93794ES76	500 µg

### 产品描述

Cluster of Differentiation-200 receptor 1 (CD200 R1), also known as OX-2 receptor, is a transmembrane protein in the immunoglobulin superfamily expressed on the surface of myeloid cells and important in the regulation of myeloid cell activity. CD200R1 expression is restricted primarily to mast cells, basophils, macrophages, and dendritic cells while its ligand, CD200, is widely distributed. CD200R1 signaling inhibits the expression of proinflammatory molecules including TNFs, IFNs, and inducible nitric oxide synthase in response to selected stimuli, which implicate that CD200/CD200R1 inhibitory signaling pathway plays a prominent role in limiting inflammation in a wide range of inflammatory diseases.

### 产品性质

<b>Synonyms</b>	CD200R; CRTR2; MOX2R; OX2R; CD200 R1; CD200 receptor 1; HCRT2; MOX2 receptor
<b>Accession</b>	AAQ19772
<b>Source</b>	Recombinant Biotinylated Human CD200 R1/CRTR2 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ala27-Leu266.
<b>Molecular Weight</b>	The protein has a predicted MW of 29.7 kDa. Due to glycosylation, the protein migrates to 52-70 kDa based on Tris-Bis PAGE result.
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Purity</b>	> 95% as determined by SDS-PAGE and HPLC
<b>Endotoxin</b>	< 1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

### 运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

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

3 -6 months, -20 to -80°C under sterile conditions after reconstitution.

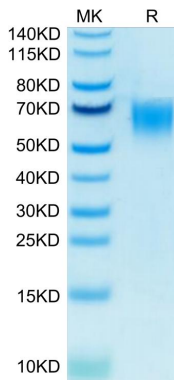
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

### 注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

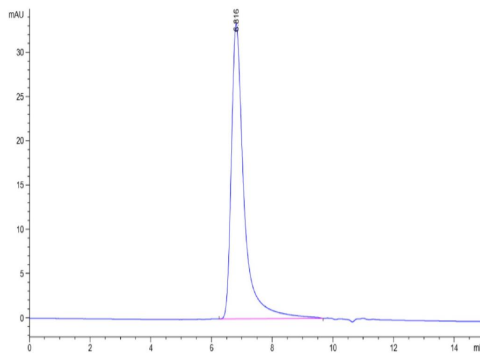
## 产品数据

### Tris-Bis PAGE



Biotinylated Human CD200 R1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

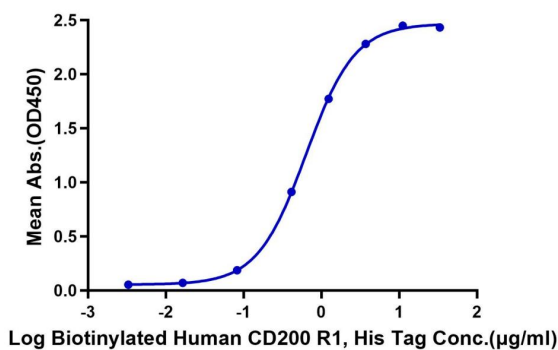


The purity of Biotinylated Human CD200 R1 is greater than 95% as determined by SEC-HPLC.

### ELISA Data

#### Biotinylated Human CD200 R1, His Tag ELISA

0.5μg Human CD200, hFc Tag Per Well



Immobilized Human CD200, hFc Tag at 5μg/mL (100μl/well) on the plate. Dose response curve for Biotinylated Human CD200 R1, His Tag with the EC<sub>50</sub> of 0.64μg/mL determined by ELISA.