

## Recombinant Human EMMPRIN/CD147 Protein, His tag

### 产品信息

产品名称	产品编号	规格
Recombinant Human EMMPRIN/CD147 Protein, His tag	94152ES25	25 µg
	94152ES60	100 µg
	94152ES76	500 µg
	94152ES80	1 mg

### 产品简介

CD147 plays important roles in variety of events including spermatogenesis, embryo implantation, neural network formation, is a member of the immunoglobulin superfamily. Recent studies have shown that the expression of CD147 is increased in many cancers, and it has been previously shown to be involved in cancer metastasis and progression. Therefore, CD147 and its antibody are used as an effective treatment for malignant tumors.

### 性能参数

<b>Synonyms</b>	Basigin,BSG,5F7,CD147,EMMPRIN,M6,OK,TCSF
<b>Uniprot No.</b>	Q54A51
<b>Source</b>	Recombinant Human CD147 Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Ala 22 - His 205.
<b>Molecular Weight</b>	The protein has a predicted MW of 20.9 kDa. And it migrates as 25-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	<0.1 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 from date of receipt.

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

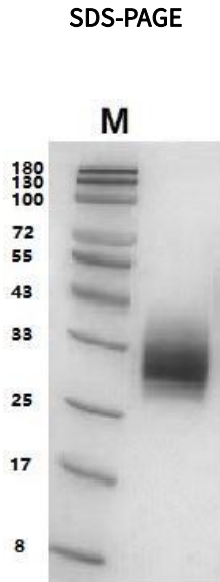


Figure 1. Human CD147 on SDS-PAGE under reduced condition. The purity is greater than 95%.

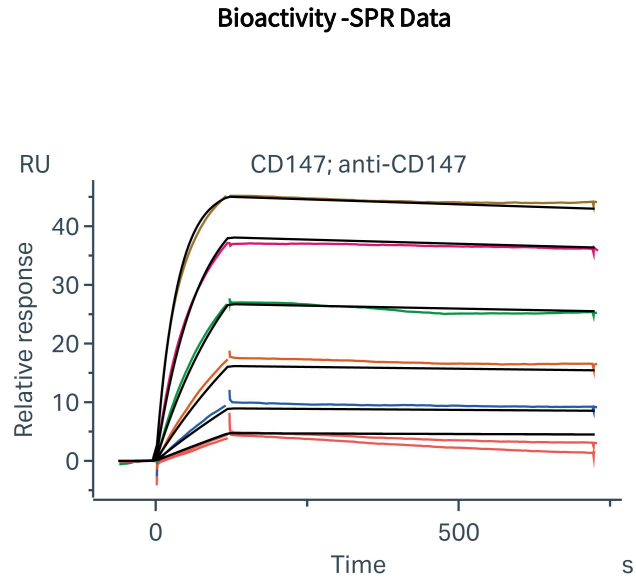


Figure 2. Anti-human CD147 mouse antibody captured on CM5 chip via Anti-mouse IgG Fc antibodies surface, can bind human CD147, his Tag with an affinity constant of  $2.69 \times 10^{-11}$  M as determined in a SPR assay (Biacore 8K).