

Biotinylated Human CD27 Ligand/CD70 Trimer Protein, His Tag

产品信息

产品名称	产品编号	规格
	93174ES60	100 µg
Biotinylated Human CD27 Ligand/CD70 Trimer Protein, His Tag	93174ES76	500 µg
	93174ES80	1 mg

产品描述

CD27 ligand (CD27L), also named CD70, is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and has been designated TNFSF7. Human and mouse CD27L share approximated 56% aa sequence identity. CD27L is expected to exist as non-covalent homotrimers. CD70 is constitutively expressed on medullary thymic epithelial cells (mTECs) in human and mouse. CD70 is also exclusively expressed on DCs, B cells, conventional- and regulatory T cells and NK cells but only after their activation.

产品性质

Synonyms	CD70 molecule; CD70; TNFSF7; CD27 Ligand; CD27-L; CD27LG; Ki-24 antigen; TNFSF7G
Uniprot No.	P32970-1
Source	Recombinant Biotinylated Human CD27 Ligand/CD70 Trimer Protein is expressed from HEK293 Cells with His tag at the N-terminal. It contains Leu50-Pro193.
Molecular Weight	The protein has a predicted MW of 51.8 kDa. Due to glycosylation, the protein migrates to 62-70 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE and HPLC
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	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.

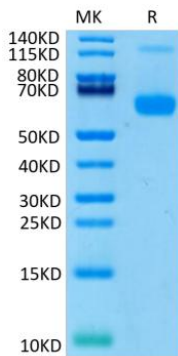
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

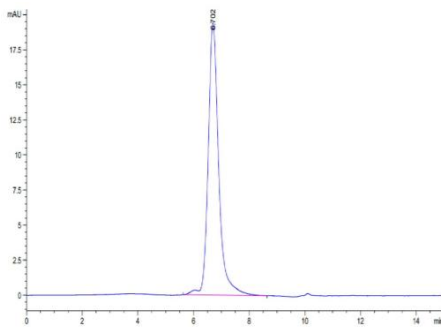
产品数据

Tris-Bis PAGE



Biotinylated Human CD27 Ligand (Trimer) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

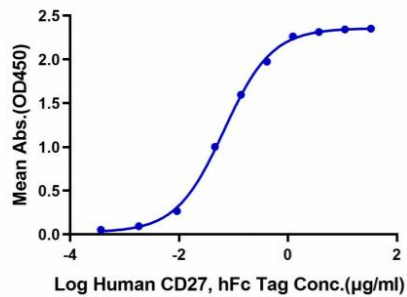
SEC-HPLC



The purity of Biotinylated Human CD27 Ligand (Trimer) is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human CD27 Ligand (Trimer), His Tag ELISA
0.2 μ g Biotinylated Human CD27 Ligand (Trimer), His Tag Per Well



Immobilized Biotinylated Human CD27 Ligand (Trimer), His Tag at 2 μ g/mL (100 μ l/Well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC₅₀ of 67ng/mL determined by ELISA.