

Biotinylated Human CD8 alpha/CD8A Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Human CD8 alpha/CD8A Protein, His-Avi Tag	93150ES60	100 µg
	93150ES76	500 µg
	93150ES80	1 mg

产品描述

CD8 alpha enhances the responses of antigen-specific CTL activated through TCR through binding MHC class I, favoring lipid raft partitioning of TCR, and inducing intracellular signaling. CD8 alpha is also found on dendritic cells and rat macrophages, but whether CD8 alpha enhances responses of a partner receptor, like TCR, to activate these cells is not known.

产品性质

Synonyms	CD8a; Lyt-2; CD8; Leu2; MAL; p32; CD8a molecule; OKT8 T-cell antigen
Uniprot No.	P01732-1
Source	Recombinant Biotinylated Human CD8 alpha/CD8A Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ser22-Asp182.
Molecular Weight	The protein has a predicted MW of 20.5 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE
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 8% 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.

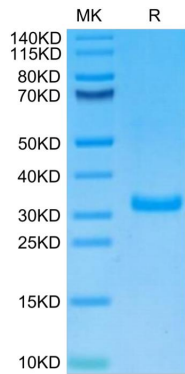
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

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

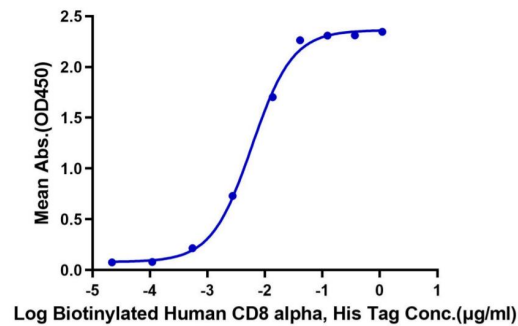
Tris-Bis PAGE



Biotinylated Human CD8 alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human CD8 alpha, His Tag ELISA
0.05 μ g Anti-CD8 Antibody, hFc Tag Per Well



Immobilized Anti-CD8 Antibody, hFc Tag at 0.5 μ g/mL (100 μ l/well) on the plate. Dose response curve for Biotinylated Human CD8 alpha, His Tag with the EC_{50} of 6.0ng/mL determined by ELISA.