

Biotinylated Human IL-13Ra1 Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
	93145ES60	100 µg
Biotinylated Human IL-13Ra1 Protein, His-Avi Tag	93145ES76	500 µg
	93145ES80	1 mg

产品描述

Two type 1 membrane proteins belonging to the hemopoietin receptor family have been cloned and shown to bind IL-13 with differing affinities. The lower affinity IL-13 binding protein, previously designated IL-13 R alpha, IL-13 R alpha ' or NR4, is now referred to as IL-13 R alpha 1. The high-affinity IL-13 binding protein, previously also designated IL-13 R or IL-13 R alpha ', is now referred to as IL-13 R alpha 2. Human and mouse IL-13 R alpha 1 share 76% aa sequence identity. The extracellular domain of IL-13 R alpha 1 is also closely related to that of IL-13 R alpha 2.

产品性质

Synonyms	IL-13 R alpha 1; IL13R; IL13RA; CT19; IL13RA1; NR4; CD213A1; AI882074
Uniprot No.	P78552-1
Source	Recombinant Biotinylated Human IL-13Ra1 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ala27-Thr343.
Molecular Weight	The protein has a predicted MW of 39.5 kDa. Due to glycosylation, the protein migrates to 55-75 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.

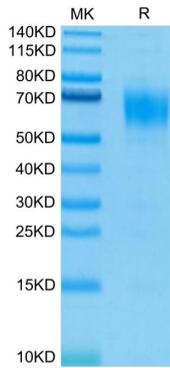
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

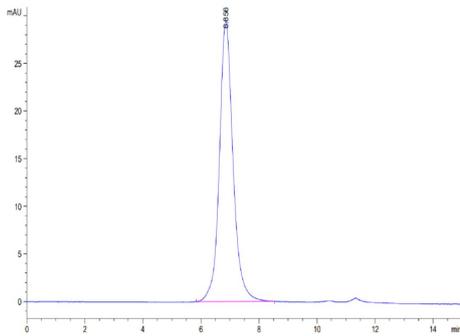
产品数据

Tris-Bis PAGE



Biotinylated Human IL-13Ra1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

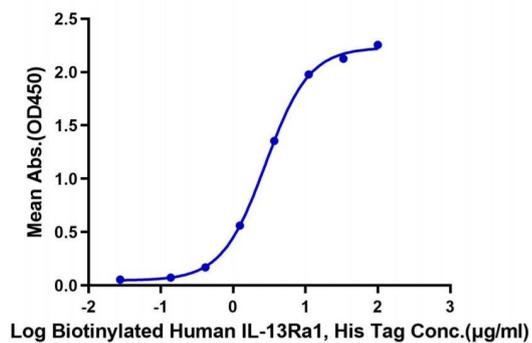
SEC-HPLC



The purity of Biotinylated IL-13Ra1 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human IL-13Ra1, His Tag ELISA
0.2 μ g Human IL-13, hFc Tag Per Well



Immobilized Human IL-13, hFc Tag at 2 μ g/mL (100 μ l/well) on the plate. Dose response curve for Biotinylated Human IL-13Ra1, His Tag with the EC₅₀ of 2.8 μ g/mL determined by ELISA.