

Biotinylated Human IL-1R3/IL-1 RAcP Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Human IL-1R3/IL-1 RAcP Protein, His-Avi Tag	94157ES60	100 µg
	94157ES76	500 µg

产品描述

IL-1R3, also known as IL-1 Receptor Accessory Protein (IL-1 RAcP), is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of proteins. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. Within the ECD, human IL-1 RAcP shares 86% aa sequence identity with mouse and rat IL-1 RAcP. It is a subunit of the functional signaling complex with IL-1 RI and associates with IL-1 RII in a non-signaling receptor complex. In addition, it interacts with ST2/IL-1 R4 on mast cells and Th2 cells to create a functional IL-33 receptor complex.

产品性质

Synonyms	IL1RAP; IL-1RAP; C3orf13; IL-1 R3; IL-1 RAcP
Uniprot No.	Q9NPH3-1
Source	Recombinant Biotinylated Human IL-1R3/IL-1 RAcP Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ser21-Glu359.
Molecular Weight	The protein has a predicted MW of 42 kDa. Due to glycosylation, the protein migrates to 52-70 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.

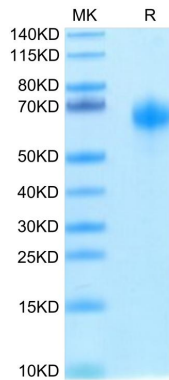
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

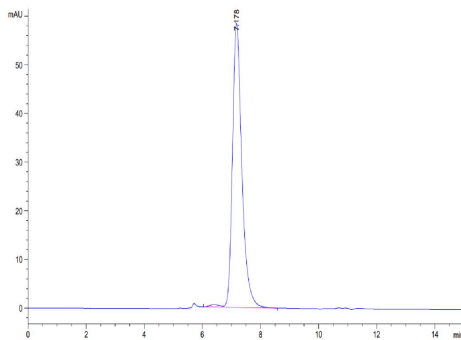
产品数据

Tris-Bis PAGE



Biotinylated Human IL-1R3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

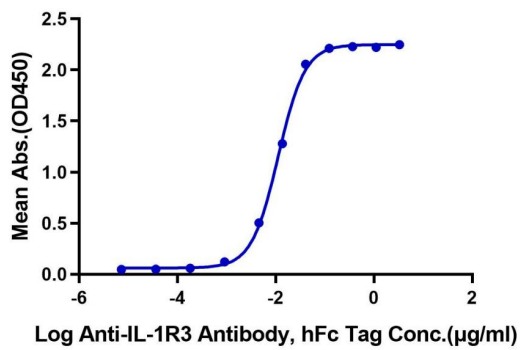


The purity of Biotinylated Human IL-1R3 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human IL-1R3, His Tag ELISA

0.05 μ g Biotinylated Human IL-1R3, His Tag Per Well



Immobilized Biotinylated Human IL-1R3 at 0.5 μ g/mL (100 μ l/Well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC₅₀ of 11.3ng/mL determined by ELISA.