

Biotinylated Human B7-H3 (4Ig)/B7-H3b Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
	93131ES60	100 µg
Biotinylated Human B7-H3 (4Ig)/B7-H3b Protein, His-Avi Tag	93131ES76	500 µg
	93131ES80	1 mg

产品描述

Human B7 homolog 3 (B7-H3) is a member of the B7 family of immune proteins that provide signals for the regulation of immune responses. Its precursor contains a 26 aa signal sequence, a 435 aa extracellular region, a 31 aa transmembrane domain, and a 42 aa cytoplasmic tail. The four Ig-like domains alternate between V-type and C-type, and apparently are the consequence of a V-C type tandem duplication. Human B7-H3b binding to an undefined receptor has shown to be inhibitory to NK cell killing and cytokine release.

产品性质

Synonyms	B7-H3; CD276; PSEC0249; 4Ig-B7-H3; UNQ309; PRO352; B7 homolog 3; CD276
Uniprot No.	Q5ZPR3-1
Source	Recombinant Biotinylated Human B7-H3 (4Ig)/B7-H3b Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Gly27-Thr461.
Molecular Weight	The protein has a predicted MW of 49.5 kDa. Due to glycosylation, the protein migrates to 70-80 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!

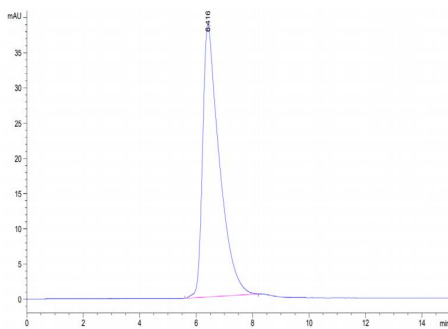
产品数据

Tris-Bis PAGE



Biotinylated Human B7-H3 (4Ig) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

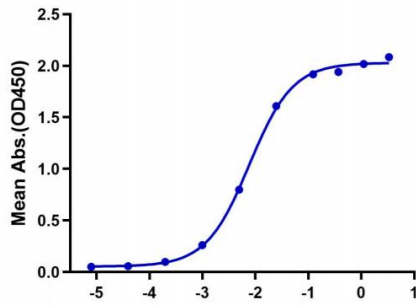
SEC-HPLC



The purity of Biotinylated Human B7-H3 (4Ig) is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human B7-H3 (4Ig), His Tag ELISA
 0.05 μ g Anti-B7-H3 Antibody, hFc Tag Per Well



Log Biotinylated Human B7-H3 (4Ig), His Tag Conc.(μ g/ml)

Immobilized Anti-B7-H3 Antibody, hFc Tag at 0.5 μ g/mL (100 μ l/well) on the plate. Dose response curve for Biotinylated Human B7-H3 (4Ig) , His Tag with the EC₅₀ of 7.7ng/mL determined by ELISA.