

Biotinylated Recombinant Human Tim-3/HAVCR2 ,His -Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Recombinant Human Tim-3/HAVCR2 ,His -Avi Tag	93630ES60	100 µg
	93630ES76	500 µg

产品描述

TIM-3 is a member of the TIM family of immune regulating molecules. TIMs are type I transmembrane glycoproteins with one Ig-like V-type domain and a Ser/Thr-rich mucin stalk region. Within the ECD, human TIM-3 shares 58% aa sequence identity with mouse and rat TIM-3. TIM-3 is up-regulated on several populations of activated myeloid cells (macrophage, monocyte, dendritic cell, microglia, mast cell) and T cells (Th1, CD8+, NK, Treg). Its binding to Galectin-9 induces a range of immunosuppressive functions which enhance immune tolerance and inhibit anti-tumor immunity.

产品性质

Synonyms	CD366, TIM3, TIM-3, TIMD-3, TIM 3, FLJ14428, HAVCR2, KIM3
Uniprot No.	Q8TDQ0-1
Source	Recombinant Biotinylated Human Tim-3 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ser22-Arg200.
Molecular Weight	The protein has a predicted MW of 22.8 kDa. Due to glycosylation, the protein migrates to 45-50 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 1 µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm 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 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). 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 months, -20 °C under sterile conditions after reconstitution.

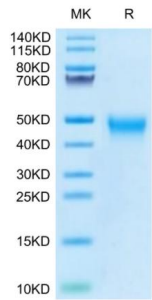
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

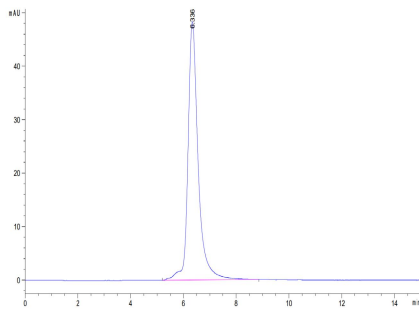
产品数据

Tris-Bis PAGE



Biotinylated Human TIM-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

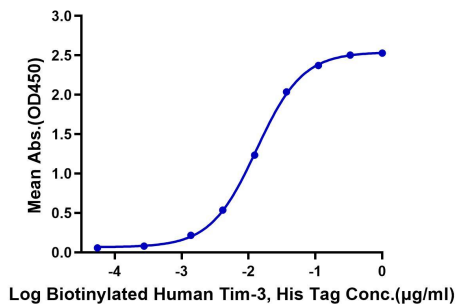
SEC-HPLC



The purity of Biotinylated Human TIM-3 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human Tim-3, His Tag ELISA
0.1 μ g Anti-Tim-3 Antibody, hFc Tag Per Well



Immobilized Anti-Tim-3 Antibody, hFc Tag at 1 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Human Tim-3, His Tag with the EC50 of 13.2ng/ml determined by ELISA.

HB230201