

Recombinant human TIGIT protein, C-hFc (HEK293)

Catalog Number: bs-47210P

Concentration: >0.5 mg/ml

AA Seq: 22-141/244

Predicted MW: 39.8

Detected MW: Due to glycosylation, the protein migrates to 48-50 kDa based on Tris-Bis PAGE result.

Tags: C-hFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

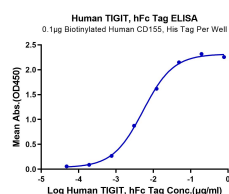
Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

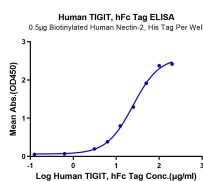
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.[provided by RefSeq, Sep 2009]

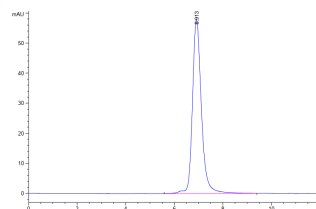
VALIDATION IMAGES



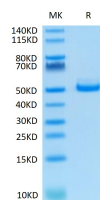
Immobilized Biotinylated Human CD155, His Tag at 1μg/ml (100μl/Well) on Streptavidin precoated (5μg/well) plate. Dose response curve for Human TIGIT, hFc Tag with the EC50 of 5.3ng/ml determined by ELISA.



Immobilized Biotinylated Human Nectin-2, His Tag at 5μg/ml (100μl/Well) on Streptavidin precoated (5μg/ml) plate. Dose response curve for Human TIGIT, hFc Tag with the EC50 of 24.48μg/ml determined by ELISA.



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



Recombinant Human TIGIT on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.