

Human B7-H7/HHLA2 Protein

HA210199



Product name:	Human B7-H7/HHLA2 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human B7-H7/HHLA2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile23-Asn344.
Background:	B7-H7, also known as HHLA2 (HERV-H LTR-associating 2), is a member of the B7 family of immune regulatory proteins. Through interaction with TMIGD2, costimulates T-cells in the context of TCR-mediated activation. Enhances T-cell proliferation and cytokine production via an AKT-dependent signaling cascade.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q9UM44-1
Predicted molecular mass:	The protein has a predicted MW of 38.1 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

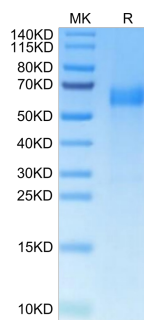


Fig1: Human B7-H7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

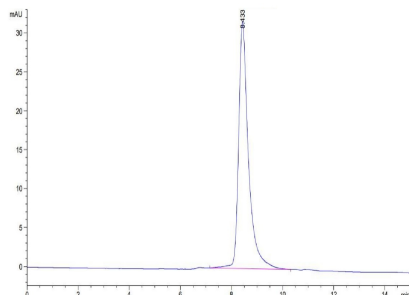


Fig2: The purity of Human B7-H7 is greater than 95% as determined by SEC-HPLC.

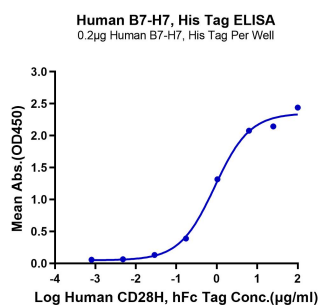


Fig3: Immobilized Human B7-H7, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human CD28H, hFc Tag with the EC50 of 0.89µg/ml determined by ELISA.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.