

Recombinant Human HHLA2 protein, His-tagged

Cat. No. HHLA2-549H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HHLA2 protein(Q9UM44-1)(Ile23-Asn344), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile23-Asn344
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human B7-H7, His Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Human CD28H, hFc Tag with the EC50 of 63.4 ng/ml determined by ELISA.
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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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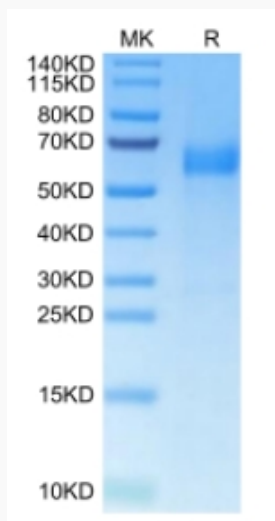
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	HHLA2 HERV-H LTR-associating 2 [Homo sapiens]
Official Symbol	HHLA2
Synonyms	HHLA2; HERV-H LTR-associating 2; HERV-H LTR-associating protein 2; human endogenous retrovirus-H long terminal repeat-associating protein 2;
Gene ID	11148
mRNA Refseq	NM_007072
Protein Refseq	NP_009003
MIM	604371
UniProt ID	Q9UM44

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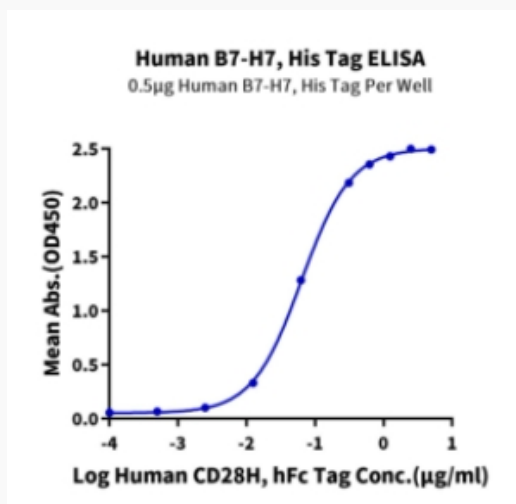
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Tris-Bis PAGE



ELISA Data



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