

Active Recombinant Human HHLA2 protein, Fc-Avi-tagged, Biotinylated

Cat. No. HHLA2-2895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human HHLA2 protein(Ile 23-Asn 344), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 23-Asn 344
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris,100 mM Glycine,25 mM Arginine,150 mM NaCl with trehalose as protectant.
Bio-activity	Immobilized Human CD28H, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human B7-H7 / HHLA2, Fc,Avitag with a linear range of 1-20 ng/mL.Immobilized Human CD28H, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human B7-H7 / HHLA2, Fc,Avitag with a linear range of 1-78 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag™)The protein has a calculated MW of 65.1 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
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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