

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

Cat. No. HHLA2-2897H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human HHLA2 protein(Ile 23-Asn 344), fused with His 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 PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human B7-H7, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human CD28H, Fc Tag with a linear range of 0.1-3 ng/mL.Immobilized Human CD28H, Fc Tag at 5 μg/mL (100 μL/well) can bind Biotinylated Human B7-H7, His,Avitag with a linear range of 0.039-1.25 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 40.7 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
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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