Active GMP Recombinant Human HHLA2 protein, Fc-tagged

Cat. No. HHLA2-426HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human HHLA2 protein(NP_009003)(554 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human B7-H7(UniProtKB/Swiss-Prot: Q9UM44.1) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized Human B7-H7(Fc tag) is 10ug /mL(100uL/well), and the linear binding range that can bind to human CD28H(His tag) is 0.5-30ug /mL.
Molecular Mass	Recombinant Human B7-H7 proteincontains 554 aa. It has a predicted MW of 66.9 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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.

GENE INFORMATION

Gene Name	HHLA2 HERV-H LTR-associating 2 [Homo sapiens]
Official Symbol	HHLA2
Synonyms	B7y; B7H7; B7-H5; B7-H7
Gene ID	11148
mRNA Refseq	NM_007072
Protein Refseq	NP_009003
MIM	604371
UniProt ID	Q9UM44

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