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Datasheet for ABIN7316780
HHLA2 Protein (Biotin,Fc-Avi Tag)

Overview

Quantity:	200 µg
Target:	HHLA2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HHLA2 protein is labelled with Biotin,Fc-Avi Tag.

Product Details

Purpose:	Biotinylated Human B7-H7 / HHLA2 Protein, Fc,Avitag™ (MALS verified)
Sequence:	Ile 23 - Asn 344
Characteristics:	Biotinylated Human B7-H7 / HHLA2, Fc,Avitag is expressed from human 293 cells (HEK293). It contains AA Ile 23 - Asn 344 (Accession # Q9UM44-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	HHLA2
Alternative Name:	B7-H7 (HHLA2 Products)
Background:	Synonyms:B7-H7,HHLA2,B7 Homolog 7,Description:B7-H7 (HHLA2) is a newly identified B7

Target Details

family member that regulates human T-cell functions. B7-H7 was previously known as human endogenous retrovirus-H long terminal repeat associating 2 (HHLA2) with unidentified function. Recently, B7-H7 has been identified as a specific ligand for human CD28H. The B7-H7-CD28H pathway strongly promoted CD4+ T-cell proliferation and cytokine production via an AKT-dependent signaling cascade in the presence of TCR signaling, suggesting B7-H7 comprises a new co-stimulatory pathway. The first IgV domain of B7-H7, which presumably binds to a putative receptor, shows the highest homology to other B7 family members.

Molecular Weight: 65.1 kDa

Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus, followed by an 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.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 51 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl

Storage: -20 °C

Storage Comment: -20°C