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Datasheet for ABIN7488771
HHLA2 Protein (Biotin,His-Avi Tag)

Overview

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

Product Details

Purpose:	Biotinylated Cynomolgus B7-H7 / HHLA2 Protein, His,Avitag™
Sequence:	Ile 21 - Asn 345
Characteristics:	Biotinylated Cynomolgus B7-H7, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Ile 21 - Asn 345 (Accession # XP_005548285.1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	HHLA2
Alternative Name:	B7-H7 (HHLA2 Products)
Background:	B7-H7 (HHLA2) is a newly identified B7 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

Target Details

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: 39.1 kDa

NCBI Accession: [XP_005548285](#)

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,10xHis , Avi) The protein has a calculated MW of 39.1 kDa. The protein migrates as 66-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C