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Datasheet for ABIN7504236  
**HHLA2 Protein (AA 21-345) (His tag)**

### Overview

Quantity:	100 µg
Target:	HHLA2
Protein Characteristics:	AA 21-345
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HHLA2 protein is labelled with His tag.

### Product Details

Purpose:	Cynomolgus B7-H7/HHLA2 Protein
Sequence:	Ile21-Asn345
Characteristics:	Recombinant Cynomolgus B7-H7/HHLA2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ile21-Asn345.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	HHLA2
Alternative Name:	B7-H7 ( <a href="#">HHLA2 Products</a> )

## Target Details

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Background:	B7-H7, also known as HHLA2 (HERV-H LTR-associating 2), is a member of the B7 family of immune regulatory proteins. Through interaction with TMIGD2, costimulates T-cells in the context of TCR-mediated activation. Enhances T-cell proliferation and cytokine production via an AKT-dependent signaling cascade.
Molecular Weight:	38.31 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005548285</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months