

Datasheet for ABIN7583240

## HLAG Protein (AA 25-305, Monomer) (Biotin,His-Avi Tag,Peptide (RIIPRHLQL))



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### Overview

Quantity:	100 µg
Target:	HLAG
Protein Characteristics:	AA 25-305, Monomer
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HLAG protein is labelled with Biotin,His-Avi Tag,Peptide (RIIPRHLQL).

### Product Details

Purpose:	Biotinylated Rhesus macaque HLA-G&B2M&Peptide (RIIPRHLQL) Monomer Protein
Sequence:	Gly25-Thr305(HLA-G), Ile21-Met119(B2M) and RIIPRHLQL peptide
Characteristics:	Recombinant Biotinylated Rhesus macaque HLA-G&B2M&Peptide (RIIPRHLQL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gly25-Thr305 (HLA-G), Ile21-Met119 (B2M) and RIIPRHLQL peptide.
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:	HLAG
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## Target Details

Alternative Name:	HLA-G ( <a href="#">HLAG Products</a> )
Background:	HLA-G is a molecule that was first known to confer protection to the fetus from destruction by the immune system of its mother, thus critically contributing to fetal-maternal tolerance. The first functional finding constituted the basis for HLA-G research and can be summarized as such: HLA-G, membrane-bound or soluble, strongly binds its inhibitory receptors on immune cells (NK, T, B, monocytes/dendritic cells), inhibits the functions of these effectors, and so induces immune inhibition.
Molecular Weight:	50.5 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months