

Datasheet for ABIN7320943

**LAG3 Protein (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	LAG3
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This LAG3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Cynomolgus LAG-3/CD223 Protein (His Tag)
Sequence:	Pro23-Leu450(Pro74)
Characteristics:	Recombinant Cynomolgus LAG-3 is produced by our Mammalian expression system and the target gene encoding Pro23-Leu450(Pro74) is expressed with a 8His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus LAG-3-His at 2µg/ml(100 µl/well) can bind Human FGL1-Fc. The ED50 of Cynomolgus LAG-3-His is 5.8 ug/ml .

## Target Details

Target:	LAG3
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## Target Details

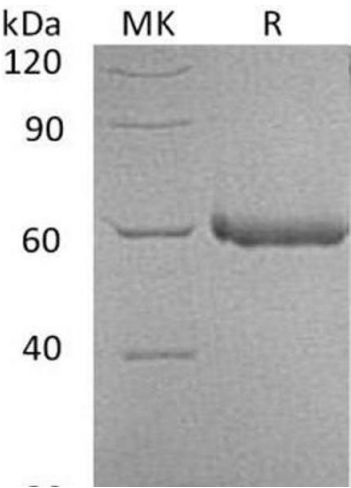
Alternative Name:	LAG-3/CD223 ( <a href="#">LAG3 Products</a> )
Background:	<p>Background: Lymphocyte Activating 3(LAG3) belongs to immunoglobulin (Ig) superfamily, Macaca fascicularis LAG3 cDNA encodes 533 amino acids (aa) that include a 17 aa signal sequence, a 451 aa extracellular domain (ECD) with two Ig-like domains, a transmembrane region and a highly charged cytoplasmic region. LAG3's main ligand is MHC class II, to which it binds with higher affinity than CD4. The protein negatively regulates cellular proliferation, activation, and homeostasis of T cells, in a similar fashion to CTLA-4 and PD-1 and has been reported to play a role in Treg suppressive function.</p> <p>Synonym: Lymphocyte Activating 3, LAG3, LAG-3, CD223</p>
Molecular Weight:	47.3 kDa
NCBI Accession:	<a href="#">XP_005570011</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS,PH7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.