

Datasheet for ABIN7321105  
**LAG3 Protein (His tag)**



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1 Image

Overview

Quantity:	100 µg
Target:	LAG3
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAG3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat LAG3/CD223 Protein (His Tag)
Sequence:	Met1-Leu442
Characteristics:	A DNA sequence encoding the rat LAG3 (Q5BK54)(Met1-Leu442) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	LAG3
Alternative Name:	LAG3/CD223 ( <a href="#">LAG3 Products</a> )
Background:	Background: LAG3, also known as CD223 and Lymphocyte activation gene 3, belongs to immunoglobulin (Ig) superfamily. LAG3 contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. It is selectively expressed in activated T and NK cells. LAG3 has a negative

## Target Details

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regulatory function in T cells. It also acts as as a new marker of T cell induced B cell activation. As a soluble molecule, LAG3 activates antigen-presenting cells through MHC class II signalling, leading to increased antigen-specific T-cell responses in vivo. Immune Checkpoint Immune Checkpoint Targets Co-inhibitory Immune Checkpoint Targets Immunotherapy Cancer Immunotherapy Targeted Therapy

Synonym: LAG3

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Molecular Weight: 47.1 kDa

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UniProt: [Q5BK54](#)

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Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cancer Immune Checkpoints](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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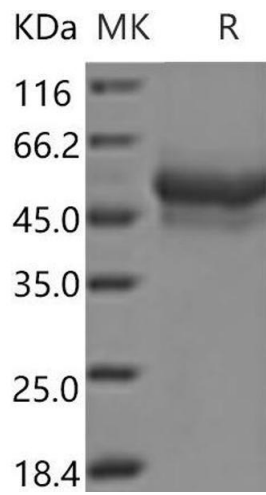
Buffer: Lyophilized from sterile 20 mM NaAc, 500 mM NaCl, 10 % Glycerol, 0.02 % tween 20, pH 5.5

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



**Western Blotting**

**Image 1.**