

## Product datasheet

# Recombinant Mouse LAG-3 protein (Tagged) (Biotin) ab271583

[2 Images](#)

### Description

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<b>Product name</b>	Recombinant Mouse LAG-3 protein (Tagged) (Biotin)	
<b>Purity</b>	≥ 90 % SDS-PAGE.	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<u><b>Q61790</b></u>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Mouse	
<b>Sequence</b>	SGPGKELPVV WAQEGAPVHL PCSLKSPNLD PNFLRRGGVI WQHQPDSGQP TPIPALDLHQ GMPSRQPAP GRYTVLSVAP GGLRSGRQPL HPHVQLEERG LQRGDFSLWL RPALRTDAGE YHATVRLPNR ALSCSLRLRV GQASMIASPS GVLKLSDWVL LNCSFSRPDR PVSVHWFQQQ NRVPVYNSPR HFLAETFLLL PQVSPLDSGT WGCVLTYRDG FNVSITYNLK VLGLEPVAPL TVYAAEGSRV ELPCHLPPGV GTPSLLIAKW TPPGGGPELP VAGKSGNFTL HLEAVGLAQA GTYTCSIHLQ GQQLNATVTL AVITVTPKSF GLPGSRGKLL CEVTPASGKE RFVWRPLNNL SRSCPGPVLE IQEARLLAER WQCQLYEGQR LLGATVYAAE SSSGAHSARR ISGDLKGGHL	
<b>Predicted molecular weight</b>	74 kDa including tags	
<b>Amino acids</b>	23 to 442	
<b>Tags</b>	Avi tag C-Terminus , Fc tag C-Terminus	
<b>Additional sequence information</b>	Genbank: NM_008479	
<b>Conjugation</b>	Biotin	

### Specifications

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Our **Abpromise guarantee** covers the use of **ab271583** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Size Exclusion Chromatography
<b>Form</b>	Liquid
<b>Additional notes</b>	Enzymatically biotin-labeled using Avi-tag™ technology

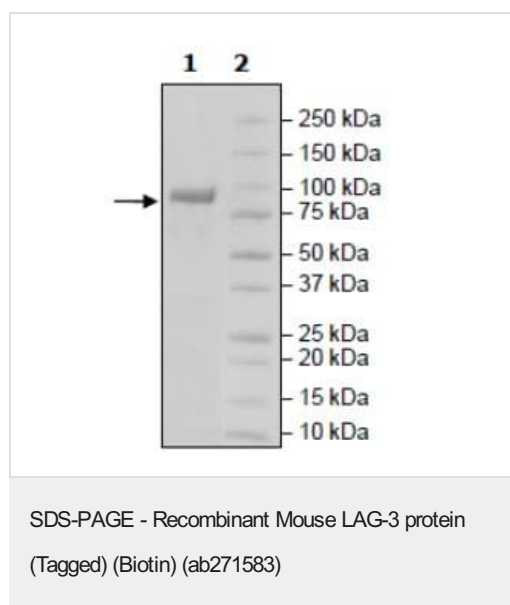
## Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark. pH: 5.50 Constituents: 0.16% Sodium acetate, 2.9% Sodium chloride, 0.02% Tween, 10% Glycerol (glycerin, glycerine)
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## General Info

<b>Function</b>	Involved in lymphocyte activation. Binds to HLA class-II antigens.
<b>Tissue specificity</b>	On cell surface of activated NK and T-lymphocytes.
<b>Sequence similarities</b>	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

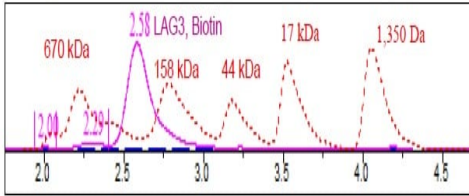
## Images



SDS-PAGE analysis of ab271583.

### Gel Filtration Trace

<10% Aggregation



Size Exclusion Chromatography - Recombinant  
Mouse LAG-3 protein (Tagged) (Biotin) (ab271583)

SEC analysis of ab271583.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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