

**Product Name: Recombinant Cynomolgus LAG-3 (N-8His)**  
**Catalog #: PHV1947**

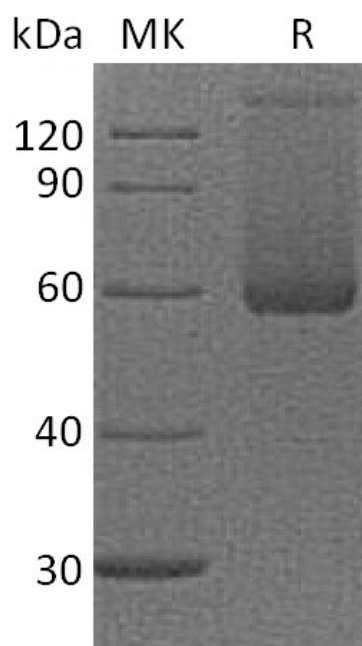


## Summary

<b>Name</b>	LAG-3/CD223/Lymphocyte activation gene 3 Protein
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Macaca Fascicularis Lymphocyte Activating 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.
<b>Accession #</b>	XP_005570011.1
<b>Host</b>	Human Cells
<b>Species</b>	Cynomolgus
<b>Predicted Molecular Mass</b>	47.3 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### Alternative Names

Lymphocyte Activating 3; LAG3

### Background

Lymphocyte Activating 3(LAG3) belongs to immunoglobulin (Ig) superfamily, *Macaca fascicularis* LAG3cDNA 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. LAG3s 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.

### Note

For Research Use Only , Not for Diagnostic Use.