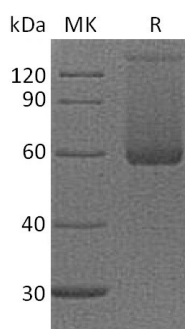


Summary

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

SDS-PAGE image



Background

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



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.