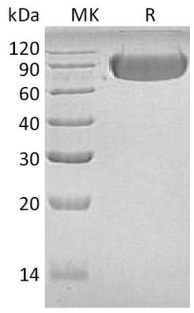
Product Name: Recombinant Human LAG-3 (C-Fc)
Catalog #: PHH1058

Summary

Name	LAG-3/CD223/Lymphocyte activation gene 3 Protein
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Lymphocyte Activation Gene 3 Protein is produced by our Mammalian expression system and the target gene encoding Leu23-Leu450 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P18627
Host	Human Cells
Species	Human
Predicted Molecular Mass	73.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM NaH2POsub//u003E4/sub//u003E, 150mM NaCl, 0.1M Arginine, 0.1M Glu, 10% Glycerol, 0.01% Tween20, 5% Trehalose, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Lymphocyte activation gene 3 protein;LAG3;LAG-3;Protein FDC;CD223
Background	Human Lymphocyte activation gene 3 protein(LAG3) is a member of

immunoglobulin (Ig) superfamily. LAG3 contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. LAG3 is involved in lymphocyte activation and can bind to HLA class-II antigens. It is selectively expressed in activated T and NK cells. LAG3 has a negative regulatory function in T cells and 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 signaling. It can lead to increased antigen-specific T-cell responses in vivo. LAG-3 has higher affinity to MHC class II than CD4.

Note

For Research Use Only , Not for Diagnostic Use.