

Product datasheet for **TP727575**

Cynomolgus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus LAG-3 (C-Fc)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Ala18-His449(Pro74)
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 50 mM Tris, 100 mM Glycine, pH7.5.
Note:	Recombinant Cynomolgus Lymphocyte activation gene-3 is produced by our Mammalian expression system and the target gene encoding Ala18-His449(Pro74) is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Lymphocyte activation gene 3 protein;LAG3;LAG-3;Protein FDC;CD223
Summary:	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.



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