

## Product datasheet for **TP728015**

### Lymphocyte Activation Gene 3 (LAG3) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human LAG-3 (C-6His-Avi)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu23-Leu450
Tag:	C-6His-Avi
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Biotinylated 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 6His, Avi tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3902
UniProt ID:	<a href="#">P18627</a>
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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