

## 32-9493: Recombinant Human Lymphocyte Activation Gene 3/LAG-3/CD223 (C-6His)

**Alternative Name :** Lymphocyte activation gene 3 protein, LAG3, LAG-3, Protein FDC, CD223

### Description

Source : Human Cells;

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 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.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Amino Acid :** Recombinant Human LAG-3 is produced by our Mammalian expression system and the target gene encoding Leu23-Gly434 is expressed with a 6His tag at the C-terminus.