Recombinant Human LAG3 Protein, C-6His-Avi tagged, Biotinylated

Cat. No. LAG3-24H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	Human Cells
ProteinLength	Leu23-Leu450
Description	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.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg)
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	Ambient

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Conjugation	Biotin

GENE INFORMATION

Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens (human)]
Official Symbol	LAG3
Synonyms	Lymphocyte activation gene 3 protein; LAG3; LAG-3; Protein FDC; CD223
Gene ID	3902
mRNA Refseq	NM_002286
Protein Refseq	NP_002277
MIM	153337
UniProt ID	P18627

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA