

Active Recombinant Mouse Lag3, Fc-tagged

Cat. No. Lag3-389M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The sequence coding for the 4 extracellular Ig-like domains of mouse LAG-3 (D1-D4) is fused to the Fc portion of mouse IgG2a (hinge-CH2-CH3).
Species	Mouse
Source	CHO
Description	Lymphocyte activation gene 3 (LAG-3; CD223) plays an important role in negatively regulating T cell proliferation, function and homeostasis. It is required for maximal natural and induced regulatory T cell (Treg) function. LAG-3 is closely related to the T cell co-receptor CD4 and binds to MHC class II molecules but with a significantly higher affinity than CD4.
Form	Liquid. In PBS.
Bio-activity	Induces maturation of mouse dendritic cells in vitro. Induces CD4 and CD8 antigen-specific T cells responses when coinjected s.c. in mice, together with the antigen.
Molecular Mass	~180kDa (SPS-PAGE, nonreducing), ~80kDa (SPS-PAGE, reducing)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at +4°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare

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aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.

Concentration 0.5 mg/ml

GENE INFORMATION

Gene Name Lag3 lymphocyte-activation gene 3 [Mus musculus]

Official Symbol Lag3

Synonyms LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; Ly66; CD223; LAG-3;

Gene ID 16768

mRNA Refseq NM_008479

Protein Refseq NP_032505

Function MHC class II protein binding; MHC class II protein binding; transmembrane signaling receptor activity;

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