

Active Recombinant Human LAG3, Fc-tagged

Cat. No. LAG3-102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The sequence coding for the 4 extracellular Ig-like domains of human LAG-3 (D1-D4) is fused to the Fc portion of human IgG1.
Species	Human
Source	CHO
Description	Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.
Form	Liquid. In PBS.
Bio-activity	Inhibits binding of MAb to LAG-3 (human) to LAG-3. Induces maturation of human dendritic cells.
Molecular Mass	~80kDa (SDS-PAGE)
Endotoxin	<0.1EU/μg purified protein
Purity	≥99% (SDS-PAGE)
Applications	Flow Cytometry: Detection of MHC class II molecules in combination with fluorescently labeled antibodies to IgG1.

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Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage +4°C Long Term Storage -20°C
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens (human)]
Official Symbol	LAG3
Synonyms	LAG3; CD223; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein
Gene ID	3902
mRNA Refseq	NM_002286
Protein Refseq	NP_002277
MIM	153337
UniProt ID	P18627
Chromosome Location	12p13.32
Function	MHC class II protein binding; antigen binding; transmembrane signaling receptor activity

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