

Recombinant Human LAG3, GST-tagged

Cat. No. LAG3-103H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3(1 a.a. - 360 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	65.5 kDa
AA Sequence	MWEAQFLGLLFLQPLWVAPVKPLQPGA EVPVWVAQEGAPAQLPCSPTIPLQDLSLL RRAGVTWQHQPDSGPPAAA PGHPLAPGPHPAAPSSWGPRPRRYTVLSVGP GGL RSGRLPLQPRVQLDERGRQRGDFSLWLRP ARRADAGEYRAA VHLRDRALSCRLR LRLGQASMTASPPGSLRASDWILNCSFSRPDRPASV HWFRNRGQGRVPVRESP HHHLAESF LFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGL EPPTPLTVYAG AGSRVGLPCRLPAGVGTRSFLTAKWTP PGGGPDLLVTGDNGDFTLRLEDVS QAA AGTYTCHIHLEQQQLNATVTLAITGQPQVGKE
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [LAG3 lymphocyte-activation gene3 \[Homo sapiens \]](#)

Official Symbol LAG3

Synonyms LAG3; lymphocyte-activationgene 3; CD223; lymphocyte activation gene 3 protein; Protein FDC; FDC;OTTHUMP00000240397; LAG-3

Gene ID [3902](#)

mRNA Refseq [NM_002286](#)

Protein Refseq [NP_002277](#)

MIM [153337](#)

UniProt ID P18627

Chromosome Location 12p13.32

Function MHC class II proteinbinding; antigen binding; transmembrane signaling receptor activity

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