

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	MWEAQFLGLLFLQPLWVAPVKPLQPGAEPVWVAQEGAPAQLPCSPTIPLQDLSLL 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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