

## Recombinant Human LAG3, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LAG3(1 a.a. - 360 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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.
<b>Molecular Mass</b>	65.5 kDa
<b>AA Sequence</b>	MWEAQFLGLLFLQPLWVAPVKPLQPGAIEVPVWVAQEGAPAQLPCSPTIPLQDLSLL RRAGVTWQHQPDSGPPAAA PGHPLAPGPHPAAPSSWGPRPRRYTVLSVGP GGL RSGRLPLQPRVQLDERGRQRGDFSLWLRP ARRADAGEYRAA VHLRDRALSCRLR LRLGQASMTASPPGSLRASDWILNCSFSRPDRPASV HWFRNRGQGRVPVRESP HHHLAESF LFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGL EPPTPLTVYAG AGSRVGLPCRLPAGVGTRSFLTAKWTP PGGPDLLVTGDNGDFTLRLEDVS QAA AGTYTCHIHLEQQLNATVTLAITGQPQVGKE
<b>Applications</b>	ELISA; WB-Re; AP; Array
<b>Storage</b>	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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