

## Recombinant Human LAG3

**Cat. No.** LAG3-101H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human LAG3 full-length ORF (AAH52589.1) recombinant protein without tag.
<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>Form</b>	Liquid
<b>Molecular Mass</b>	39.1 kDa
<b>AA Sequence</b>	MWEAQFLGLLFLQPLWVAPVKPLQPGAIEVPVWVAQEGAPAQLPCSPTIPLQDLSLL RRAGVTWQHQPDSGPPAAA PGHPLAPGPHPAAPSSWGPRPRRYTVLSVGPGG RSGRLPLQPRVQLDERGRQRGDFSLWLRPARRADAGEYRAA VHLRDRALSCRLR LRLGQASMTASPPGSLRASDWVILNCSFSRPDRPASVHWFRNRGQGRVPVRESPH HHLAESF LFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGLEPPTPLTVYAGA GSRVGLPCRLPAGVGTRSFLLTAKWTP PGGPDLLVTGDNGDFTLRLEDVSQAQAG TYTCHIHLLQEQQLNATVTLAITGQPQVGKE
<b>Applications</b>	Antibody Production; Functional Study; Compound Screening

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	LAG3 lymphocyte-activation gene 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	LAG3
<b>Synonyms</b>	LAG3; CD223; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein
<b>Gene ID</b>	3902
<b>mRNA Refseq</b>	NM_002286
<b>Protein Refseq</b>	NP_002277
<b>MIM</b>	153337
<b>UniProt ID</b>	P18627
<b>Chromosome Location</b>	12p13.32
<b>Function</b>	MHC class II protein binding; antigen binding; transmembrane signaling receptor activity

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