

Recombinant Human LAG3

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

SPECIFICATION

Product Overview	Human LAG3 full-length ORF (AAH52589.1) recombinant protein without tag.
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.
Form	Liquid
Molecular Mass	39.1 kDa
AA Sequence	MWEAQFLGLLFLQPLWVAPVKPLQPGAIEVPVWVAQEGAPAQLPCSPTIPLQDLSLL RRAGVTWQHQPDSGPPAAA PGHPLAPGPHPAAPSSWGPRPRRYTVLSVGPGGL RSGRLPLQPRVQLDERGRQRGDFSLWLRPARRADAGEYRAA VHLRDRALSCRLR LRLGQASMTASPPGSLRASDWILNCSFSRPDRPASVHWFRNRGQGRVPVRESPH HHLAESF LFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGLEPPTPLTVYAGA GSRVGLPCRLPAGVGTRSFRTAKWTP PGGGPDLLVTGDNGDFTLRLEDVSQAQAG TYTCHHLQEQLNATVTLAITGQPQVGKE
Applications	Antibody Production; Functional Study; Compound Screening

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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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