

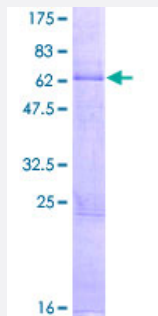
Full-Length

LAG3 (Human) Recombinant Protein (P01)

Catalog # H00003902-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LAG3 full-length ORF (AAH52589.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWEAQFLGLLFLQPLWVAPVKPLQPGAIEVPVWVAQEGAPQLPCSTIPLQDLSLLRRAGVTW
QHQPDSGPPAAAPGHPLAPGPHPAAPSSWGPRPRRYTVLSVGPGLRSGRLPLQPRVQLDER
GRQRGDFSLWLRPARRADAGEYRAAVHLRDRALSCRLRLRGQASMTASPPGSLRASDWVILN
CSFSRPDRPASVHWFRNRGQGRVPVRESPHHHLAESFLFLPQVSPMDSGPWGCILTYRDGFNV
SIMYNLTVLGLEPPTPLTVYAGAGSRVGLPCRLPAGVGTRSFLTAKWTPPGGGPDLLVTGDNGDF
TLRLEDVVSQAQAGTYTCHIIHLQEQQLNATVTLAITGQPQVGKE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.5

Interspecies Antigen Sequence

Mouse (70); Rat (68)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LAG3

Entrez GeneID[3902](#)**GeneBank Accession#**[BC052589.1](#)**Protein Accession#**[AAH52589.1](#)**Gene Name**

LAG3

Gene Alias

CD223

Gene Description

lymphocyte-activation gene 3

Omim ID[153337](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

lymphocyte-activation protein 3

Disease

- [Asthma](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Immune System Diseases](#)
- [Multiple Sclerosis](#)
- [Occupational Diseases](#)