

Recombinant Human LAG3 Protein

Cat. No. LAG3-675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LAG3 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	525
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	Lyophilized
Molecular Mass	47 kDa
AA Sequence	MWEAQFLGLLFLQPLWVAPVKPLQPGAIEPVVWAQEGAPAQLPCSPTIPLQDLSLL RRAGVTWQHQPDSGPPAAAPGHPLAPGHPAAPSSWGPRPRRYTVLSVGPGLR SGRLPLQPRVQLDERGRQRGDFSLWLRPARRADAGEYRAAVHLRDRALSCRLRLR LGQASMTASPPGSLRASDWVILNCSFSRPDRPASVHWFRNRGQGRVPVRESPHH HLAESFLFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGLEPPTPLTVYAGAGS RVGLPCRLPAGVGTRSFLLAKWTPPGGGPDLLVTGDNGDFTLRLEDVSQAQAGTY TCHHLQEQQNLATVTLAIIITVTPKSFSGPSLGKLLCEVTPVSGQERFWSSLDTPS QRSFSGPWLEAQEAQLLSQPWQCQLYQGERLLGAAYFTELSSPGAQRSGRPG

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	ALPAGHLLLFLILGVLSLLLLVTGAFGFHLWRRQWRPRRFSALEQGIHPPQAQSKIEE LEQEPEPEPEPEPEPEPEPEPEQL
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens (human)]
Official Symbol	LAG3
Synonyms	LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; CD223;
Gene ID	3902

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mRNA Refseq	NM_002286
Protein Refseq	NP_002277
MIM	153337
UniProt ID	P18627

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