

## Recombinant Human LAG3 Protein

Catalog #	Source	Reactivity	Applications
CRP1870	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human LAG3 Protein is produced by our mammalian expression system and the target gene encoding Leu23-Gly434 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	LAG3		
<b>Alternative Names</b>	FDC; Lymphocyte activation gene 3 protein; LAG-3; Protein FDC; CD223		
<b>Entrez Gene</b>	3902 (Human)		
<b>SwissProt</b>	P18627 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>LQPGA EVPV WAQEGAPAQL PCSPTIPLQD LSLRRAGVT WQHQPDSGPP AAAPGHPLAP            GPHPAAPSSW GPRPRRYTVL SVGPGLRSG RLPLQPRVQL DERGRQRGDF SLWLRPARRA            DAGEYRAAVH LRDRALSCRL RLRLGQASMT ASPPGSLRAS DWVILNCSFS RPDRPASVHW            FRNRGQGRVP VRESPHHHLA ESFLFLPQVS PMDSGPWGCI LTYRDGFNVS IMYNLTVLGL            EPPTPLTVYA GAGSRVGLPC RLPAGVGTRS FLTAKWTTPG GGPDLLVTGD NGDFTLRLED            VSQAQAGTYT CHIHLEEQQL NATVTLAIIT VTPKSFSGSPG SLGKLLCEVT PVSGQERFWW            SSLDTPSQRS FSGPWLEAQE AQLLSQPWQC QLYQGERLLG AAVYFTELSS PGHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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