

Recombinant Mouse LAG3 Protein

Catalog #	Source	Reactivity	Applications
CRP1871	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse LAG3 Protein is produced by our mammalian expression system and the target gene encoding Ser23-Leu442 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	LAG3		
Alternative Names	FDC; Lymphocyte activation gene 3 protein; LAG-3; Protein FDC; CD223		
Entrez Gene	16768 (Mouse)		
SwissProt	Q61790 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SGPGKELPVV WAQEGAPVHL PCSLKSPNLD PNFLRRGGVI WQHQPDSGQP TPICALDLHQ GMPSRPQAP GRYTVLSVAP GGLRSGRQPL HPHVQLEERG LQRGDFSLWL RPALRTDAGE YHATVRLPNR ALSCSLRLRV GQASMIASPS GVLKLSDWVL LNCFSRPDR PVSVHWFQGG NRVPVYNSPR HFLAETFLLL PQVSPLDSGT WGCVLTYRDG FNVSITYNLK VLGLEPVAPL TVYAAEGSRV ELPCHLPPGV GTPSLLIAKW TPPGGGPELP VAGKSGNFTL HLEAVGLAQA GTYTCSIHLQ GQQLNATVTL AVITVTPKSF GLPGSRGKLL CEVTPASGKE RFVWRPLNNL SRSCPGPVLE IQEARLLAER WQCQLYEGQR LLGATVYAAE SSSGAHSARR ISGDLKGGHL HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	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		

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

freeze-thaw cycles.

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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