

Recombinant Human CD223 Protein

Catalog #	Source	Reactivity	Applications
CRP2617	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CD223 Protein is produced by mammalian expression system and the target gene encoding Leu23-Leu450 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	LAG3
Alternative Names	FDC; Lymphocyte activation gene 3 protein; LAG-3; Protein FDC; CD223
Entrez Gene	3902 (Human)
SwissProt	P18627 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	LQPGAIEVPVV 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 FLTAKWTPPG GGPDLLVTGD NGDFTLRLED VSQAQAGTYT CHIHLEEQQL NATVTLAII VTPKSFSGSPG SLGKLLCEVT PVSGQERFWW SSLDTPSQRS FSGPWLEAQE AQLLSQPWQC QLYQGERLLG AAVYFTELSS PGAQRSGRAP GALPAGHLVD DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK

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

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) 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 μ g/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize 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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