

## Recombinant Mouse CD300A Protein

Catalog #	Source	Reactivity	Applications
CRP1222	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse CD300A Protein is produced by our mammalian expression system and the target gene encoding Leu28-Arg183 is expressed with a Fc 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>	CD300A		
<b>Alternative Names</b>	CMRF35H; IGSF12; CMRF35-like molecule 8; CLM-8; CD300 antigen-like family member A; CMRF-35-H9; CMRF35-H9; CMRF35-H; IRC1/IRC2; Immunoglobulin superfamily member 12; IgSF12; Inhibitory receptor protein 60; IRp60; NK inhibitory receptor; CD300a		
<b>Entrez Gene</b>	217303 (Mouse)		
<b>SwissProt</b>	Q6SJQ0 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>LHGPSTMSGV VGESLSVSCR YEEKFKTKDK YWCRVSLKIL CKDIVKTSSS EEARSGRVTI  RDHPDNLFT VTYESLTLED ADTYMCAVDI SLFDGSLGFD KYFKIELSVV PSEDPVSSPG  PTLETVPVST SLPTKGPALG SNTEGHREHD YSQGLRVDDI EGRMDEPKSC DKTHTCPPCP  APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK  PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT  LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL  TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGK</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		
<b>Application key:</b>	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		
<b>Species reactivity key:</b>	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

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.

## 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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