

## Recombinant Human CD300A Protein

Catalog #	Source	Reactivity	Applications
CRP1221	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human CD300A Protein is produced by our mammalian expression system and the target gene encoding Leu18-Gln178 is expressed with a Fc, 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM Tris, 150mM NaCl, 5% Trehalose, pH 8.0.
<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>	11314 (Human)
<b>SwissProt</b>	Q9UGN4 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	LSKCRTVAGP VGGSLSVQCP YEKEHRTLNK YWCRRPPQIFL CDKIVETKGS AGKRNGRVSIRDSPANLSFT VTLENLTEED AGTYWCGVDT PWLRDFHDPV VEVEVSVFPA STSMTPASITAAKTSTITTA FPPVSSTTLF AVGATHSASI QEETEEVVNS QVDDIEGRMD EPKSCDKTHTCPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVHNAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPREPQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTTTPVLDSGDGSFFLYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GKHHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**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

**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 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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