

Recombinant Human CD55 Protein

Catalog #	Source	Reactivity	Applications
CRP1241	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD55 Protein is produced by our mammalian expression system and the target gene encoding Asp35-Ser353 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol CD55

Alternative Names CR; DAF; Complement decay-accelerating factor; CD55

Entrez Gene 1604 (Human)

SwissProt P08174 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure DCGLPPDVPN AQPALGRTS FPEDTVITYK CEESFKIPG EKDSVICLKG SQWSDIEEFC NRSCEVPTRL NSASLKQPYI TQNYFPVGT VVEYCRPGYR REPSLSPKLT CLQNLKWSTA VEFCKKSCP NPGEIRNGQI DVPGGILFGA TISFSCNTGY KLFGSTSSFC LISGSSVQWS DPLPECREIY CPAPPQIDNG IIQGERDHYG YRQSVTYACN KGFTMIGEHS IYCTVNNDEG EWSGPPPECR GKSLTSKVPP TVQKPTTVNV PTTEVSPTSQ KTTTKTTTPN AQATRSTPVS RTTKHFHETT PNKSGTTSV DHHHHHH

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 freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

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

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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