

Recombinant Human CHAD Protein

Catalog #	Source	Reactivity	Applications
CRP1299	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CHAD Protein is produced by our Mammalian expression system and the target gene encoding Cys23-His359 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 CHAD

Alternative Names SLRR4A; Chondroadherin; Cartilage leucine-rich protein

Entrez Gene 1101 (Human)

SwissProt O15335 (Human)

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

Chemical Structure CPQNCHCHSD LQHVICDKVG LQKIPKVSEK TKLLNLQRNN FVLAANSFR AMPNLVSLHL QHCQIREVAA GAFRGLKQLI YLYLSHNDIR VLRAGAFDDL TELTYLYLDH NKVTELPRLG LSPVLNLFIL QLNNNKIREL RAGAFQGAKD LRWLYLENA LSSLQPGALD DVENLAKFHV DRNQLSSYPS AALSCLRVE ELKLSHNPLK SIPDNAFQSF GRYLETWLWD NTNLEKFS DG AFLGVTTLKH VHLENNRLNQ LPSNFPFDSL ETLALTNNPW KCTCQLRGLR RWLEAKASRP DATCASPAKF KGQHIRD TDA FRSCKFPTKR SKKAGRHVHDH HHHHH

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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