

Recombinant Human CD4 Protein

Catalog #	Source	Reactivity	Applications
CRP2656	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD4 Protein is produced by mammalian expression system and the target gene encoding Lys26-Trp390 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, PH7.4.

Gene Symbol CD4

Alternative Names T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD4

Entrez Gene 920 (Human)

SwissProt P01730 (Human)

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

Chemical Structure KKVVLGKKGD TVELTCTASQ KKSIFQHWKN SNQIKILGNQ GSFLTQGPSK LNDRADSRRS
LWDQGNFPLI IKNLKIEDSD TYICEVEDQK EEVQLLVFGL TANS DTHLLQ GQSLTLTLES
PPGSSPSVQC RSPRGKNIQG GKTLSVSQLE LQDSGTWTCT VLQNQKKVEF KIDIVVLA FQ
KASSIVYKKE GEQVEFSFPL AFTVEKLTGS GELWWQAERA SSSKSWITFD LKNKEVSVKR
VTQDPKLQMG KKLPLHLTLP QALPQYAGSG NLT LALEAKT GKLHQEVN LV VMRATQLQKN
LTCEVWGPTS PKLM LSLKLE NKEAKVSKRE KAVWVLNPEA GMWQCLLSDS GQVLLESNIK
VLPTWDIEGR MDEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV
VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV
SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES
NGQPENNYKT TPPVLDS DGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKLSL
SPGK

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

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

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. 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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