

## Recombinant Human CD4 Protein

Catalog #	Source	Reactivity	Applications
CRP2657	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CD4 Protein is produced by mammalian expression system and the target gene encoding Lys26-Trp390 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	CD4		
<b>Alternative Names</b>	T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD4		
<b>Entrez Gene</b>	920 (Human)		
<b>SwissProt</b>	P01730 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	KKVVLGKKGD TVELTCTASQ KKSIFQHWKN SNQIKILGNQ GSFLTGPSK LNDRADSRRS LWDQGNFPLI IKNLKIEDSD TYICEVEDQK EEVQLLVFGL TANSDTHLLQ GQSLTLTLES PPGSSPSVQC RSPRGKNIQG GKTLSVSQLE LQDSGTWTCT VLQNQKKVEF KIDIVVLAFAQ KASSIVYKKE GEQVEFSFPL AFTVEKLTGS GELWWQAERA SSSKSWITFD LKNKEVSVKR VTQDPKLQMG KKLPLHLTLP QALPQYAGSG NLTALAEAKT GKLHQEVNLV VMRATQLQKN LTCEVWGPTS PKMLSLKLE NKEAKVSKRE KAVWVLNPEA GMWQCLLSDS GQVLLESNIK VLPTWVDHHH HHH		
<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 recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

**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

## 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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