

Recombinant Human CD7 Protein

Catalog #	Source	Reactivity	Applications
CRP2665	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD7 Protein is produced by mammalian expression system and the target gene encoding Ala26-Pro180 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	CD7		
Alternative Names	T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD7		
Entrez Gene	924 (Human)		
SwissProt	P09564 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>AQEVQQSPHC TTVPVGASVN ITCSTSGGLR GIYLRQLGPQ PQDIIYYEDG VVPTTDRRFR GRIDFSGSQD NLTITMHLRQ LSDTGTYTCC AITEVNVYGS GTLVLVTEEQ SQGWHRCSDA PPRASALPAP PTGSALPDPQ TASALPDPPA ASALPDIEGR MDEPKSCDKT HTCPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKLSLSL SPGK</p>		
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 ddH ₂ 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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