

Recombinant Human CD30 Protein

Catalog #	Source	Reactivity	Applications
CRP2641	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CD30 Protein is produced by mammalian expression system and the target gene encoding Phe19-Lys379 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Gene Symbol	TNFRSF8
Alternative Names	CD30; D1S166E; Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; CD30
Entrez Gene	943 (Human)
SwissProt	P28908 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	FPQDRPFEDT CHGNPSHYD KAVRRCYRC PMGLFPTQQC PQRPTDCRKQ CEPDYLLDEA DRCTACVTCS RDDLVEKTPC AWNSSRVCEC RPGMFCSTSA VNSCARCFH SVCPAGMIVK FPGTAQKNTV CEPASPGVSP ACASPENCKE PSSGTIPQAK PTPVSPATSS ASTMPVRGGT RLAQEAASKL TRAPDSPSSV GRPSSDPGLS PTQPCPEGSG DCRKQCEPDY YLDEAGRCTA CVSCSRDDLK EKTCAWNSS RTCECRPGMI CATSATNSCA RCVYPICAA ETVTKPQDMA EKDTTFFEAPP LGTQPDCNPT PENGEAPAST SPTQSLLVDS QASKTLPIPT SAPVALSSTG KIEGRDMDPK SCDKTHTCP CPAPPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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

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 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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