

Recombinant Human CD137L Protein

Catalog #	Source	Reactivity	Applications
CRP2599	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD137L Protein is produced by mammalian expression system and the target gene encoding Leu25-Ser256 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 VTCN1

Alternative Names B7H4; V-set domain-containing T-cell activation inhibitor 1; B7h.5; Immune costimulatory protein B7-H4; Protein B7S1; T-cell costimulatory molecule B7x

Entrez Gene 79679 (Human)

SwissProt Q7TSP5 (Human)

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

Chemical Structure LIIGFGISGK HFITVTTFTS AGNIGEDGTL SCTFEPDIKL NGIVIQWLKE GIKGLVHEFK
 EGKDDLSQQH EMFRGRTAVF ADQVVVGNAS LRLKNVQLTD AGTYTCYIRS SKGKGNANLE
 YKTGAFSMPE INVDYNASSE SLRCEAPRWF PQPTVAWASQ VDQGANFSEV SNTSFELNSE
 NVTMKVVSVL YNVTINNTYS CMIENDIAKA TGDIKVDSE VKRRSQLQLL NSVDDIEGRM
 DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK
 FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK
 TISKAKGQPR EPQVYTLPPS REEMTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT
 PPVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKLSLSL PGK

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

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

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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