

Recombinant Human IL17A/IL17F Protein

Catalog #	Source	Reactivity	Applications
CRP1752	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human IL17A/IL17F Protein is produced by our mammalian expression system and the target gene encoding Ile20-Ala155&Arg31-Gln163 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol IL17A; IL17F

Alternative Names CTLA8 IL17; Interleukin-17A; IL-17; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8; Interleukin-17F; IL-17F; Cytokine ML-1

Entrez Gene 3605; 112744 (Human)

SwissProt Q16552; Q96PD4 (Human)

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

Chemical Structure MTSTLPFSPQ VSTPRSKFKR ISSEFAATMT PGKTSLSVLL LLSLEAIVK AGITIPRNP
 CPNSEDKNFP RTVMVNLNIH NRNTNTNPKR SSDYYNRSTS PWNLHRNEDP ERYPSVIWEA
 KCRHLGCINA DGNVDYHMNS VPIQQEILVL RREPPHCPNS FRLEKILVSV GCTCVTPIVH
 HVAMTSTLPF SPQVSTPRSK FKRISSVLSI EFAATMTVKT LHGPAMVKYL LLSILGLAFL
 SEAAARKIPK VGHTFFQKPE SCPPVPGGSM KLDIGIINEN QRVSMSRNIE SRSTSPWNYT
 VTWDPNRYPS EVVQAQCRNL GCINAQGKED ISMNSVPIQQ ETLVRRKHQ GCSVSFQLEK
 VLVTVGCTCV TPVIHRVQVD HHHHHH

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 1X PBS. Please aliquot the reconstituted solution to minimize

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

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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