

Recombinant Human IL15/IL15RA Protein

Catalog #	Source	Reactivity	Applications
CRP2734	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human IL15/IL15RA Protein is produced by mammalian expression system and the target gene encoding Ile31-Asp96 & Asn49-Ser162 is expressed with a Fc tag at the C-terminus.

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

Gene Symbol IL15; IL15RA

Alternative Names Interleukin-15 receptor subunit alpha; IL-15 receptor subunit alpha; IL-15R-alpha; IL-15RA; CD215; Interleukin-15; IL-15

Entrez Gene 3600; 3601 (Human)

SwissProt P40933; Q13261 (Human)

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

Chemical Structure ITCPPPMSVE HADIWVKSYS LYSRERYICN SGFKRKAGTS SLTECVLNKA TNVAHWTTTPS
 LKCIIRDVDDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE
 VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI
 EKTISKAKGQ PREPQVYTL PPSREEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK
 TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSL S LSPGKGGGGGS
 GGGGSGGGGS NWNVISDLK KIEDLIQSMH IDATLYTESD VHPSCVKVTAM KCFLELQVI
 SLESGDASIH DTVENLIILA NDSLSSNGNV TEGSCKECEE LEEKNIKEFL QSFVHIVQMF INTS

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 ddH₂O. 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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