

## Recombinant Mouse CD125 Protein

Catalog #	Source	Reactivity	Applications
CRP2867	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse CD125 Protein is produced by mammalian expression system and the target gene encoding Asp18-His339 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	IL5RA		
<b>Alternative Names</b>	IL5R; Interleukin-5 receptor subunit alpha; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CDw125; CD125		
<b>Entrez Gene</b>	16192 (Mouse)		
<b>SwissProt</b>	P21183 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKIN APQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLA SSWVSAELKA PPGSPGTSVT NLTCTHTTVV SSHTHLRPYQ VSLRCTLWVG KDAPEDTQYF LYYRFGVLTE KCQEYSRDAL NRNTACWFPR TFINSKGFEQ LAVHINGSSK RAAIKPFDQL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIIQKEKLI ANKFISKIDD VSTYSIQVRA AVSSPCRMFG RWGEWSQPIY VGKERKSLVE WHHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	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 <sub>2</sub> 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  $-20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $2-8^{\circ}\text{C}$  for 2-7 days. Aliquots of reconstituted samples are stable at  $-20^{\circ}\text{C}$  for 3 months.

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