

Product Data Sheet

Recombinant Human CD125 Protein

Catalog #	Source	Reactivity	Applications
CRP2594	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD125 Protein is produced by mammalian expression system and the target gene encoding Asp21-Glu335 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	IL5RA		
Alternative Names	IL5R; Interleukin-5 receptor subunit alpha; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CDw125; CD125		
Entrez Gene	3568 (Human)		
SwissProt	Q01344 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	DLLPDEKISL LPPVNFTIKV TGLAQVLLQW KPNPDQEQRN VNLEYQVKIN APKEDDYETR ITESKCVTIL HKGFSASVRT ILQNDHSLLA SSWASAEHLA PPGSPGTSIV NLTCTTNTTE DNYSRLRSYQ VSLHCTWLVG TDAPEDTQYF LYYRYGSWTE ECQEYSKDTL GRNIACWFPR TFILSKGRDW LAVLVNGSSK HSAIRPFDQL FALHAIDQIN PPLNVTAEIE GTRLSIQWEK PVSAFPIHCF DYEVKIHNR NGYLQIEKLM TNAFISIIDD LSKYDVQVRA AVSSMCREAG LWSEWSQPIY VGNDEIEGRM DPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTHP PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP GK		
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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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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