

Recombinant Mouse CD124 Protein

Catalog #	Source	Reactivity	Applications
CRP2866	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD124 Protein is produced by mammalian expression system and the target gene encoding Ile26-Arg233 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	IL4R		
Alternative Names	IL4RA; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124		
Entrez Gene	16190 (Mouse)		
SwissProt	P16382 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	IKVLGEPTCF SDYIRTSTCE WFLDSAVDCS SQLCLHYRLM FFEFSENLTIC IPRNSASTVC VCHMEMNRPV QSDRYQMELW AEHRQLWQGS FSPSGNVKPL APDNLTHTN VSDEWLLTWN NLYPSNNLLY KDLISMVNIS REDNPAEFIV YNVTYKEPRL SFPINILMSG VYYTARVRVR SQILTGTWSE WSPSITWYNH FQLPLIQRVD DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK		
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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