

Recombinant Mouse IL2RA Protein

Catalog #	Source	Reactivity	Applications
CRP1791	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse IL2RA Protein is produced by our mammalian expression system and the target gene encoding Glu22-Lys236 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	IL2RA		
Alternative Names	Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; p55; CD25		
Entrez Gene	16184 (Mouse)		
SwissProt	P01590 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>ELCLYDPPEV PNATFKALSY KNGTILNCEC KRGFRRLKEL VYMRCLGNSW SSNCQCTSNS</p> <p>HDKSRKQVTA QLEHQKEQQT TTDMQKPTQS MHQENLTGHC REPPPWKHED</p> <p>SKRIYHFVEG QSVHYECIPG YKALQRGPAI SICKMKCGKT GWTQPQLTCV DEREHHRFLA</p> <p>SEESQGSRNS SPESETSCPI TTTDFPQPTTE TTAMTETFVL TMEYKVAVAS CLFLLISILL</p> <p>LSGLTWQHRW RKSRRITIVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD</p> <p>TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL</p> <p>HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT KNQVSLTCLV</p> <p>KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH</p> <p>EALHNHYTQK SLSLSPGK</p>		
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		
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

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 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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