

Recombinant Mouse CD127 Protein

Catalog #	Source	Reactivity	Applications
CRP2868	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD127 Protein is produced by mammalian expression system and the target gene encoding Glu21-Asp239 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	IL7R		
Alternative Names	Interleukin-7 receptor subunit alpha; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CDw127; CD127		
Entrez Gene	16197 (Mouse)		
SwissProt	P16872 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>ESGNAQDGDLEADADDDHSFWCHSQLEVDG SQHLLTCAFN DSDINTANLE FQICGALLRV</p> <p>KCLTLNKLQDIYFIKTSEFL LIGSSNICVK LGQKNLTCKN MAINTIVKAE APSDLKVVYR</p> <p>KEANDFLVTF NAPHLKKKYL KVKKHDVAYR PARGESNWITH VSLFHTRTTI PQRKLRPKAM</p> <p>YEIKVRSIPH NDYFKGFWSE WSPSSTFETP EPKNQGGWDV DDIEGRMDEP KSCDKTHTCP</p> <p>PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA</p> <p>KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ</p> <p>VYTLPPSREE MTKNQVSLTCLVKGFYPSDIAVEWESNGQP ENNYKTTTPPV LDDSGSFFLY</p> <p>SKLTVDKSRWQQGNVFCSSV MHEALHNHYT QKSLSLSPGK</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 recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the		
<p>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</p> <p>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</p>			

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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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