

Recombinant human IL7R Protein

Catalog #	Source	Reactivity	Applications
CRP1818	Human cells	human	E, WB, SDS-PAGE, MS

Description Recombinant human IL7R Protein is produced by our mammalian expression system and the target gene encoding Glu21-Gly236 is expressed with a Fc, 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.

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 3575 (Human)

SwissProt P16871 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure ESGYAQNGDL EDAELDDYSF SCYSQLEVNG SQHSLTCAFE DPDVNITNLE FEICGALVEV
 KCLNFRKLQE IYFIETKKFL LIGKSNICVK VGEKSLTCKK IDLTTIVKPE APFDLSVVYR
 EGANDFVVTF NTSHLQKKYV KVLMDHVAYR QEKDENKWITH VNLSSTKLTL LQRKLQPAAM
 YEIKVRSIPD HYFKGFWSEW SPSYYFRTPE INNSSGVDDI EGRMDEPKSC DKHTHTCPPCP
 APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK
 PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT
 LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL
 TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH

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 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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