

Recombinant Human IL-27RA Protein

Catalog #	Source	Reactivity	Applications
CRP2753	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IL-27RA Protein is produced by mammalian expression system and the target gene encoding Gly34-Lys516 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	IL27RA
Alternative Names	CRL1; TCCR; WSX1; Interleukin-27 receptor subunit alpha; IL-27 receptor subunit alpha; IL-27R subunit alpha; IL-27R-alpha; IL-27RA; Cytokine receptor WSX-1; Cytokine receptor-like 1; Type I T-cell cytokine receptor; TCCR; ZcytoR1
Entrez Gene	9466 (Human)
SwissProt	Q6UWB1 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	GSAGPLQCYG VGPLGDLNCS WEPLGDLGAP SELHLQSQKY RSNKTQTVAV AAGRSWVAIP REQLTMSDKL LVWGTKAGQP LWPPVFNLE TQMKNAPRL GPDVDFSEDD PLEATVHWAP PTWPSHKVLI CQFHYYRCQE AAWTLLEPEL KTIPLTPVEI QDLELATGYK VYGRCRMEKE EDLWGEWSPI LSFQTPPSAP KDVWVSGNLC GTPGGEEPLL LWKAPGPCVQ VSYKVVFWVG GRELSPEGIT CCCSLIPSGA EWARVSAVNA TSWEPLTNLS LVCLDSASAP RSVAVSSIAG STELLVTWQP GPGEPLHVV DWARDGDPLE KLNWVRLPPG NLSALLPGNF TVGVPYRITV TAVSASGLAS ASSVWGFREE LAPLVGPTLW RLQDAPPGTP AIAWGEVPRH QLRGHLTHYT LCAQSGTSPS VCMNVSGNTQ SVTLPLDPWG PCELWVTAST IAGQGPPGPI LRLHLPDNTL RWKVDDIEGR MDEPKSCDKT HTCPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW

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

LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY
PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH
NHYTQKSLSL SPGK

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 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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