

Recombinant Human IL27RA Protein, Fc-tagged

Cat. No. IL27RA-328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL27RA protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	636
Description	In mice, CD4+ helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein.
Form	Lyophilized
Molecular Mass	79 kDa
AA Sequence	MRGGRGAPFWLWPLPKLALLPLLWVLFQRTRPQGSAGPLQCYGVGPLGDLNCSW EPLGDLGAPSELHLQSQKYRSNKTQTVAVAAGRSWVAIPREQLTMSDKLLVWGTKA GQPLWPPVFVNLETQMKPNAPRLGPDVDFSEDDPLEATVHWAPPTWPSHKVLICQ FHYRRCQEAAWTLLEPELKIPLTPVEIQDLELATGYKVYGRCRMEKEEDLWGEWS

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PILSFQTPPSAPKDVWVSGNLCGTPGGEEPLLLWKAPGPCVQVSYKVWFWVGGRE
 LSPEGITCCCSLIPSGAEWARVSAVNATSWEPLTNLSLVCLDSASAPRSVAVSSIAG
 STELLVTWQPGPGEPLEHVVDWARDGDPLEKLNWVRLPPGNLSALLPGNFTVGVP
 YRITVTAVSASGLASASSVWGFREELAPLVGPTLWRLQDAPPGTPAIAWGEVPRHQ
 LRGHLTHYTLCAQSGTSPSVCNMVSGNTQSVTLPDLPWGPCELWVTASTIAGQGP
 PGPILRLHLPDNTLRWKVLPGLFLWGLFLLGCGLSLATSGRCYHLRHKVLPWWWE
 KVPDPANSSSGQPHMEQVPEAQPLGDLPILEVEEMEPPPMESSQPAQATAPLDS
 GYEKHFLLPTPEELGLLGPPRPQVLA

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name IL27RA interleukin 27 receptor, alpha [Homo sapiens (human)]

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Official Symbol	IL27RA
Synonyms	IL27RA; interleukin 27 receptor, alpha; interleukin-27 receptor subunit alpha; CRL1; IL 27R; T cell cytokine receptor type 1; TCCR; WSX 1; WSX1; zcytor1; IL-27RA; IL-27R-alpha; IL-27R subunit alpha; cytokine receptor-like 1; class I cytokine receptor; IL-27 receptor subunit alpha; T-cell cytokine receptor type 1; type I T-cell cytokine receptor; IL27R;
Gene ID	9466
mRNA Refseq	NM_004843
Protein Refseq	NP_004834
MIM	605350
UniProt ID	Q6UWB1

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