

## Recombinant Human IL27RA Protein, Fc-tagged

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant human IL27RA protein with Fc tag was expressed in HEK293.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 636  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Lyophilized  |
| <b>Molecular Mass</b>   | 79 kDa   |
| <b>AA Sequence</b>      | MRGGRGAPFWLWPLPKLALLPLLWVLFQRTRPQGSAGPLQCYGVGPLGDLNCSW<br>EPLGDLGAPSELHLQSQKYRSNKTQTVAVAAGRSWVAIPREQLTMSDKLLVWGTKA<br>GQPLWPPVFNLETQMKPNAPRLGPDVDFSEDDPLEATVHWAPPTWPSHKVLICQ<br>FHYRRCQEAAWTLLEPELKTIPVETPVEIQDLELATGYKVYGRRCRMEKEEDLWGEWS   |

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PILSFQTPPSAPKDVVWSGNLCGTPGGEEPLLLWKAPGPCVQVSYKVWFWVGGRE  
LSPEGITCCCSLIPSGAEWARVSAVNATSWEPLTNLSLVCLDSASAPRSVAVSSIAG  
STELLVTWQPGPGEPLEHVVDWARDGDPLEKLNWVRLPPGNLSALLPGNFTVGVP  
YRITVTAVSASGLASASSVWGFREELAPLVGPTLWRLQDAPPGTPAIAWGEVPRHQ  
LRGHLTHYTLCAQSGTSPSVCMNVSGNTQSVTLPLDLPWGPCELWVTASTIAGQGP  
PGPILRLHLPDNTLRWKVLPGILFLWGLFLLGCGLSLATSGRCYHLRHKVLPWWVE  
KVPDPANSSSGQPHMEQVPEAQPLGDLPILEVEEMEPPPVMESSQPAQATAPLDS  
GYEKHFLPTPEELGLLGPPRPQVLA

**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 H2O 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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|                        |  |
|------------------------|--|
| <b>Official Symbol</b> | IL27RA   |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 9466   |
| <b>mRNA Refseq</b>     | NM_004843  |
| <b>Protein Refseq</b>  | NP_004834  |
| <b>MIM</b>             | 605350   |
| <b>UniProt ID</b>      | Q6UWB1   |

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