

Recombinant Human IL27RA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL27RA-2622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IL27RA MS Standard C13 and N15-labeled recombinant protein (NP_004834) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	69.3 kDa
AA Sequence	MRGGRGAPFWLWPLPKLALLPLLWVLFQRTRPQGSAGPLQCYGVGPLGDLNCSW EPLGDLGAPSELHLQSQKYRSNKTQTVAVAAGRSWVAIPREQLTMSDKLLVWGTKA GQPLWPPVFVNLETQMKPNAPRLGPDVDFSEDDPLEATVHWAPPTWPSHKVLICQ FHYRRCQEAAWTLLEPELTKIPLTPVEIQDLELATGYKVYGRRCRMEKEEDLWGEWS PILSFQTPPSAPKDVWVSGNLCGTPGGEEPLLLWKAPGPCVQVSYKVWFWVGGRE

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LSPEGITCCCSLIPSGAEWARVSAVNATSWEPLTNLSLVCLDSASAPRSVAVSSIAG
 STELLVTWQPGPGEPLEHVVDWARDGDPLEKLNWVRLPPGNLSALLPGNFTVGV
 YRITVTAVSASGLASASSVWGFREELAPLVGPTLWRLQDAPPGTPAIAWGEVPRHQ
 LRGHLTHYTLCAQSGTSPSVCNMVSGNTQSVTLPLDLPWGPCELWVTASTIAGQGP
 PGPILRLHLPDNTLRWKVLPILFLWGLFLLGCGLSLATSGRCYHLRHKVLPRWWVE
 KVPDPANSSSGQPHMEQVPEAQPLGDLPILEVEEMEPPPVMESSQPAQATAPLDS
 GYEKHFLLPTPEELGLLGPPRPQVLASGPTRTRRLEQKLISEEDLAANDILDYKDDDD
 KV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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;

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Gene ID	9466
mRNA Refseq	NM_004843
Protein Refseq	NP_004834
MIM	605350
UniProt ID	Q6UWB1
SDS-PAGE	