

## Active Recombinant Human IL27RA, HlgG1 Fc-tagged

**Cat. No.** IL27RA-783H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The extracellular domain of human IL-27RA (AAH28003.1) (Gly34-Lys516) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 34-516 a.a.                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | IL27RA (interleukin 27 receptor, alpha) is a protein-coding gene. Diseases associated with IL27RA include membranous glomerulonephritis, and glomerulonephritis, and among its related super-pathways are Th1 Differentiation. GO annotations related to this gene include transmembrane signaling receptor activity and interleukin-27 receptor activity. |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.                                                                                                                                                                                                                                                                                                           |
| <b>Bio-activity</b>     | Measured by its ability to inhibit IL-27-induced proliferation of mouse CD4+ T cells.                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 78KDa (monomer)                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | Gly34-Lys516                                                                                                                                                                                                                                                                                                                                               |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" lal="" test="">                                                                                                                                                                                                                                                                                                   |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | >98%, by SDS-PAGE under reducing conditions.                                                                                        |
| <b>Stability</b>      | Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C. |
| <b>Reconstitution</b> | Reconstitute at 100µg/ml in sterile PBS.                                                                                            |
| <b>Warning</b>        | Avoid freeze/thaw cycles.                                                                                                           |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL27RA interleukin 27 receptor, alpha [ Homo sapiens ]                                                                                                                                                                                                                                                                                                             |
| <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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|----------------------------|-------------------------------------------------------------------------------------------------|
| <b>Chromosome Location</b> | 19p13.11                                                                                        |
| <b>Pathway</b>             | IL27-mediated signaling events, organism-specific biosystem;                                    |
| <b>Function</b>            | interleukin-27 receptor activity; receptor activity; transmembrane signaling receptor activity; |

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