

## Recombinant Human IL1RL1 Protein, DDK-tagged

**Cat. No.** IL1RL1-537H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL1RL1(Lys19-Ser328), transcript variant 1, fused with DDK tag at C-terminal was expressed in CHO cells.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 19-328 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. |
| <b>Form</b>             | PBS, pH7.4, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 35.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 95% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL1RL1 interleukin 1 receptor-like 1 [ Homo sapiens ]                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | IL1RL1                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; DER4; FIT 1; homolog of mouse growth stimulation expressed; IL33R; ST2; ST2L; ST2V; T1; growth stimulation-expressed; interleukin 1 receptor-related protein; homolog of mouse growth stimulation-expressed; FIT-1; MGC32623; |
| <b>Gene ID</b>         | 9173                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_003856                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_003847                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>             | 601203                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q01638                                                                                                                                                                                                                                                                                              |

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