

## Recombinant Mouse IL31RA protein, His-tagged

**Cat. No.** IL31RA-8168M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse IL31RA protein(Q8K5B1-1)(Val19-Thr499), fused with C-terminal His tag, was expressed in HEK293.                        |
| <b>Species</b>          | Mouse                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                   |
| <b>ProteinLength</b>    | Val19-Thr499                                                                                                                             |
| <b>Tag</b>              | C-His                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.           |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 56.3 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.      |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                         |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100                                                         |

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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

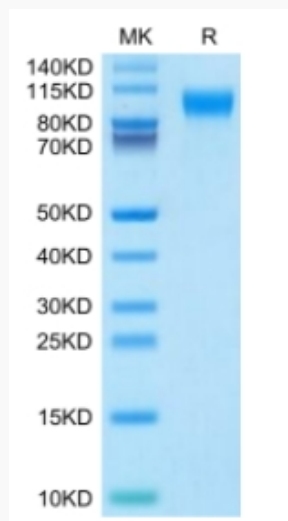
|                        |                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL31ra interleukin 31 receptor A [ Mus musculus ]                                                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | IL31RA                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | IL31RA; interleukin 31 receptor A; interleukin-31 receptor subunit alpha; mGLM-R; IL-31RA; zcytoR17; IL-31R-alpha; interleukin 31RA; gp130-like receptor; IL-31R subunit alpha; cytokine receptor NR10; class I cytokine receptor; novel cytokine receptor 10; IL-31 receptor subunit alpha; gp130-like monocyte receptor; GPL; CRL3; Glmr; NR10; GLM-R; |
| <b>Gene ID</b>         | 218624                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_139299                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_647460                                                                                                                                                                                                                                                                                                                                                |

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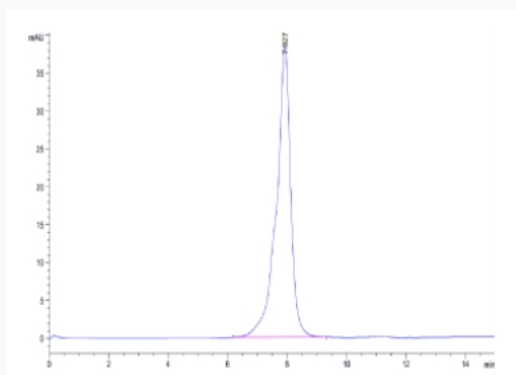
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### Tris-Bis PAGE



### SEC-HPLC



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