

Recombinant Mouse Il31 protein(Met1-Cys163), His-tagged

Cat. No. II31-48M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Mouse Il31 (NP_083870.1) (Met1-Cys163) was expressed in HEK293 with a polyhistidine tag at the C-terminus. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | Met1-Cys163 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant mouse Il31 consists 151 amino acids and predicts a molecular mass of 17.1 kDa. |
| Endotoxin | < 1.0 EU per µg protein as determined by the LAL method. |
| Purity | > 85 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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GENE INFORMATION

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|------------------------|---|
| Gene Name | Il31 interleukin 31 [Mus musculus] |
| Official Symbol | Il31 |
| Synonyms | IL31; interleukin 31; interleukin-31; IL-31; 1700013B14Rik; |
| Gene ID | 76399 |
| mRNA Refseq | NM_029594 |
| Protein Refseq | NP_083870 |

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