

# Recombinant Mouse IL11RA protein(Met1-Gln367), His-tagged

**Cat. No.** Il11ra1-2294M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse IL11Ra (NP_001156873.1) (Met 1-Gln 367) was expressed in HEK293, with a C-terminal polyhistidine tag.                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-367 a.a.                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                             |
| <b>Molecular Mass</b>   | The secreted recombinant mouse IL11Ra consists of 355 amino acids and has a calculated molecular mass of 39.2 kDa. As a result of glycosylation, the apparent molecular mass of rmIL11Ra is approximately 45-50 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                             |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                           |
| <b>Storage</b>          | 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.            |

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**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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