

# Mouse IL36RN Recombinant Protein



RPPB0674

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## Product Information    Protein Information

**Product SKU:**

RPPB0674

**Host:**

Escherichia Coli.

**Protein description:**

IL36RN Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 154 amino acids and having a molecular mass of 17.0kDa. The IL36RN is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized IL36RN in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized IL 36RN although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL 36RN should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAEKVIKGE ISVVPNRALD ASLSPVILGV QGGSQCLSCG  
TEKGPIKLKLE PVNIMELYLG AKESKSFTFY RRDMLTSSF ESAAYPGWFL CTSPEADQPV RLTQIPEDPA  
WDAPITDFYF QQCD

**Biological Activity:**

Fully biologically active when compared to standard. Measured by its ability to inhibit IL-36a, IL-36b or IL-36g induced IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 0.8-4ug/ml (corresponding to a specific activity of 250-125units/mg) in the presence of 15ng/ml of recombinant mouse IL-36b.