

Recombinant Mouse IL-33 Protein

Catalog No.: RP01802 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	77125	Q8BVZ5

Tags

C-His

Synonyms

IL-33; Il1f11; NF-HEV;
9230117N10Rik|IL33

Product Information

Source Purification

HEK293 cells

Endotoxin

< 0.1 EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Background

Mouse Interleukin 33 (IL-33) is a proinflammatory cytokine which may also regulates gene transcription in producer cells. IL-33 is structurally related to IL-1, which induces helper T cells to produce type 2 cytokines and acts through the receptor IL1RL1. Binding IL-33 to this receptor activates NF-kappa-B and MAP kinases and induces in vitro Th2 cells to produce cytokines. In vivo, IL-33 induces the expression of IL-4, IL-5, IL-13 and also leads to severe pathological changes in mucosal organs.

Basic Information

Description

Recombinant Mouse IL-33 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser109-Ile266) of mouse IL33 (Accession #NP_598536.2) fused with and a 6xHis tag at the C-terminus.

Bio-Activity

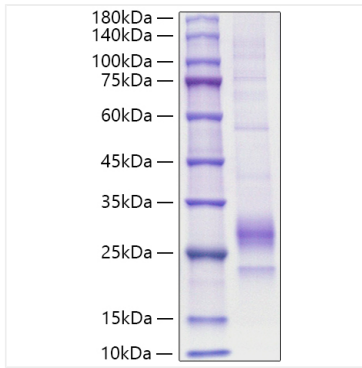
Storage

Store the lyophilized protein at -20°C to -80°C for 12 months.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse IL-33 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20-35 kDa.