

Mouse IL 33 Recombinant Protein



RPPB0665

Product Information Protein Information

Product SKU:

RPPB0665

Accession:

Q8BVZ5

Host:

Escherichia Coli.

Protein description:

Interleukin33 Mouse recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 159 amino acids and having a molecular mass of 17.7 kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin 33, DVS27, NF-HEV, NKHEV, C9orf26, Interleukin-1 family member 11, IL- 1F11, Nuclear factor from high endothelial venules, IL-33, Il1f11, 9230117N10Rik, Il33.

Formulation:

The Mouse IL-33 was lyophilized from a sterile 0.2 micron filtered aqueous solution containing 10mM sodium phosphate, pH 7.5.

Purity:

Greater than 90.0% as determined by analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL-33 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL-33 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-33 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:

MSIQGTSLLT QSPASLSTYN DQSVSFVLEN GCVINVDDDS GKDQEQDQVL LRYYESPCPA SQSGDGDVDGK
KLMVNMSPK DTDIWLHAND KDYSVELQRG DVSPPEQAFF VLHKKSSDFV SFECKNLPGT YIGVKDNQLA
LVEEKDESCN NIMFKLSKI.

Biological Activity:

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of murine D10S cells is 0.04ng/ml, corresponding to a specific activity of 2.5x10⁷units/mg.