

Rat IL 33 Recombinant Protein



RPPB0667

Product Information Protein Information

Product SKU:

RPPB0667

Accession:

Q66H70

Host:

Escherichia Coli.

Protein description:

IL 33 Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 156 amino acids and having a molecular mass of 17.4kDa. The IL 33 is purified by proprietary chromatographic techniques.

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, NFEHEV, DKFZp586H0523, RP11-575C2.0, IL-33.

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 IL-33 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL-33 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:

SIQGTSLLTE SCALSTYNDQ SVSFVLENGC YVINVEDCGK NQEKDKVLLR YYESSFPAQS GDGVDGKKLM
VNMSPIKDTD IWLNANDKDY SVELQKGDVS PPDQAFFVLH KKSSDFVSFE CKNLPGTYIG VKDNQLALVE
ENDESCNNIM FKLSKM

Biological Activity:

The ED₅₀ was determined by the dose-dependent stimulation of the proliferation of murine D10S cells is <0.5ng/ml, corresponding to a specific activity of >2,000,000units/mg.