



## Interleukin-33 Mouse Recombinant, His Tag

<b>Item Number</b>	rAP-0668
<b>Synonyms</b>	9230117N10Rik, Il-33, Il1f11, NF-HEV, Interleukin-33.
<b>Description</b>	IL33 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 181 amino acids (109-266 a.a) and having a molecular mass of 18.1kDa.IL33 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q8BVZ5
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSSIQGTSL LTQSPASLST YNDQSVSFVL ENGCYVINVD DSGKDQEQDQ VLLRYYESPC PASQSGDGVD GKMLVMNMSP IKDIDIWLHA NDKDYSVELQ RGDVPPEQA FFVLHKKSSD FVSFECKNLP GTYIGVKDNQ LALVEEKDES CNNIMFKLSK I.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	IL33 protein solution (0.5mg/ml) containing Phosphate buffered saline,10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 for this effect is ≤ 0.1ng/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**