

32-20443: Recombinant Human IL-33(Discontinued)

Reactivity : Human, Mouse

Alternative Name : Interleukin-33, IL-1 F11, NF-HEV

Description

Source: **E.coli** Human IL-33 is a proinflammatory protein that shares structural and functional characteristics with the IL-1 cytokine family. It binds and signals through the IL-1RL1/ST2 receptor, to activate NF- κ B and MAP kinases. IL-33 induces production of TH2 cell related cytokines, including IL-4, IL-5 and IL-13, and exerts multiple inflammation related bioactivities. Recombinant Human IL-33 is a 17.9 kDa protein containing 159 amino acid residues.

Product Info

Amount : 2 μ g / 10 μ g

Purification : Purity: \geq 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : SITGISPITE YLASLSTYND QSITFALEDE SYEIYVEDLK KDEKKDKVLL SYYESQHPSN ESGDGVGDKM
LMVTLSP TKD FWLHANNKEH SVELHKCEKP LPDQAFFVLH NMHSNCVSFE CKTDPGVFIG VKDNHLALIK
VDSSENLC TE NILFKLSET

Application Note

The ED_{50} was determined by the dose-dependent stimulation of the proliferation of murine D10S cells is ≤ 0.05 ng/ml, corresponding to a specific activity of $\geq 2 \times 10^7$ units/mg.