

32-20386: Animal-Free Recombinant Human IL-33(Discontinued)

Reactivity : Human

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
LMVTLSPTKD FWLHANNKEH SVELHKCEKP LPDQAFFVLH NMHSNCVSFE CKTDPGVFIG VKDNHLALIK
VDSSENLCTE NILFKLSET

Application Note

Determined by its ability to stimulate the proliferation of mouse D10S cells. The expected ED₅₀ is \leq 0.05 ng/ml, corresponding to a specific activity of \geq 2 x 10⁷ units/mg.