

Interleukin-33 C-Terminal Human, Recombinant, *E. coli* Fragment

Cat. No.:	RCP9415	Size:	10µg
	RCP9416		100µg
	RCP9417		1000µg

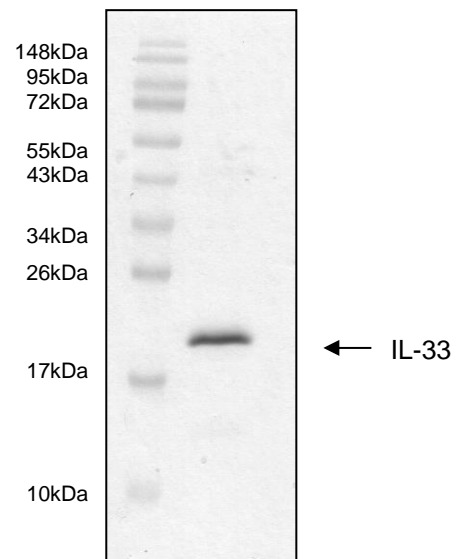
Synonym: IL-33; Nuclear factor from High Endothelial Venules; NFHEV; Chromosome 9 open reading frame 26; CRORF26; Interleukin-1 family member 11; IL1F11.

Description: Interleukin 33 (IL-33) is a proinflammatory cytokine belonging to the IL-1 family. IL-33 is cleaved *in vivo*, generating an N terminal and a C terminal fragment. The C terminal fragment corresponds to the mature IL-33 protein and mediates its biological effect by interacting with the IL-1 receptor, also known as ST2. Binding of mature IL-33 to this receptor activates NF-kappa-B and MAP kinases and induces the production of associated cytokines in particular IL-4, IL-5 and IL-13 causing severe pathological changes in mucosal organs.

RANDOX recombinant Interleukin-33 comprises a 159 amino acid fragment (112-270) corresponding to C terminal Interleukin-33 fragment coding sequence and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid

Purity: >95% by SDS-PAGE



References: Schmitz J. *et al.* (2005), *Immunity*. **23(5)**: 479-90.