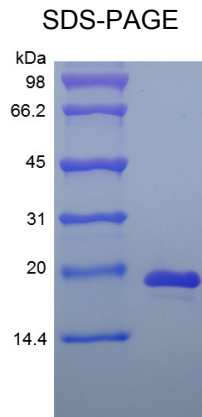


II33

Recombinant Mouse Interleukin-33

Catalog No.	CSI20129A CSI20129B CSI20129C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	interleukin-33, IL-33, IL-1F11, DVS27-related protein, interleukin-1 family member 11, nuclear factor from high endothelial venules		
Description:	<p>Recombinant Mouse IL-33 contains 158 amino acid residues.</p> <p>Background: Interleukin-33 is a proinflammatory protein that shares structural and functional characteristics with the IL-1 cytokine family. It binds and signals through the IL-1R1/ST2 receptor activating NF-kappaB 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.</p>		
Gene ID:	77125		
Source:	<i>E. coli</i>		
Molecular Weight:	Approximately 17.5 kDa protein containing 158 amino acid residues.		
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS, and 1 mM EDTA.		
Purity:	>98% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	Less than 1EU/µg of rMull-33 as determined by LAL method.		
Biological Activity:	Fully biologically active when compared to standard. The ED ₅₀ determined by a cell proliferation assay using murine D10S cells is less than 0.5 µg/ml		
Specific Activity:	≥2 x 10 ⁶ units/mg		
Amino Acid Sequence:	SIQGTSLLTQ SPASLSTYND QSVSFVLENG CYVINVDDSG KDQEQDQVLL RYYESPCPAS QSGDGVGK LMVNMSPKID TDIWLHANDK DYSVELQRGD VSPPEQAFFV LHKKSSDFVS FECKNLPPTY IGVKDNQLAL VEEKDESCNN IMFKLSKI		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		





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