

Recombinant Human IL-33

Cat. No.:MGC056 size : 10 μ g / 50 μ g

Characteristics:

Source	<i>E.coli</i>
Description	Human IL-33 (Ser112-Thr270) Accession # NP_001186569.1
Predicted molecular mass	18.1 kDa

Specification:

Appearance	White powder, colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.02EU/ μ g by the LAL method
Activity	Measured by its ability to induce IL-8 secretion by HUVEC human umbilic vein endothelial cells. The ED ₅₀ for this effect is \leq 1.0ng/ml.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS,5% Mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

S260401