

Recombinant Human IL-1A

Cat. No.:MGC036 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	<i>E.coli</i>
Description	Human IL-1A (Ser113-Ala271) Accession # Q53QF9
Predicted molecular mass	18.0kDa

Specification:

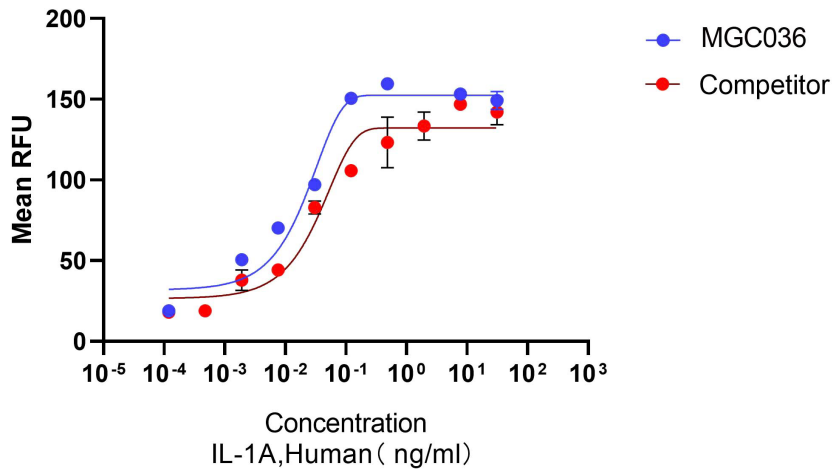
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.02EU/ μ g by the LAL method
Activity	Measured by its ability to induce NF-kB reporter activity by the reporter gene assay. The ED ₅₀ for this effect is \leq 0.05ng/ml.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing 10mM PB,5% Trehalose 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.

Data:

Bioactivity



Human IL1 α (Cat. No. MGC036) induces NF-kB reporter activity by the reporter gene assay. The ED₅₀ for this effect is ≤ 0.05 ng/ml. The activity of Human IL1 α (Cat. No. MGC036) was higher than the other competing product.

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