

Recombinant Human IL-1A(*E.coli*-expressed)

Catalog Number: Y01921H

Characteristics:

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

Specification:

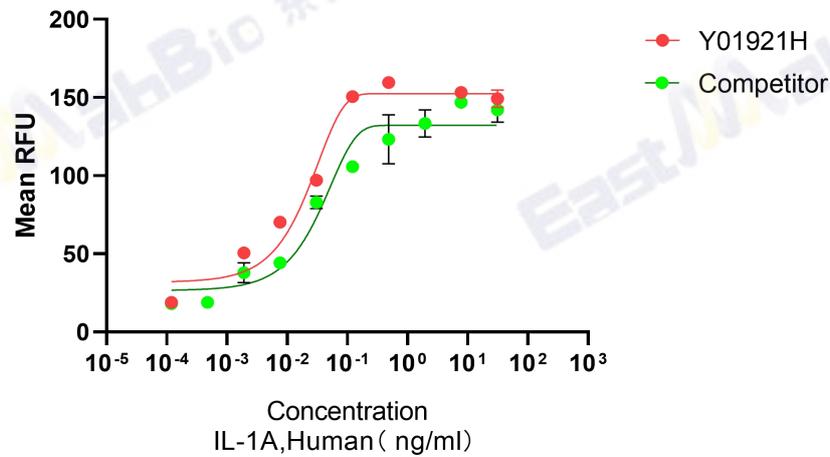
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤100 EU/mg by the LAL method
Activity	Measured by its ability to induce NF-κB reporter activity by the reporter gene assay. The ED ₅₀ for this effect is ≤0.05ng/ml.
Formulation	Lyophilized from a 0.22 μm filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
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. Y01921H) 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. Y01921H) was higher than the other competing product.