

Recombinant Human IL-1B

Cat. No.:MGC037 size : 10 μ g / 50 μ g / 1mg

Characteristics:

| | |
|---------------------------------|---|
| Source | <i>E.coli</i> |
| Description | Human IL-1B (Ala117-Ser269) Accession # P01584 |
| Predicted molecular mass | 17.4kDa |

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 | ≤ 0.02 EU/ μ g by the LAL method |
| Activity | Measured by its ability to induce NF-kB reporter activity in MCF-7 cells. The ED ₅₀ is ≤ 10 pg/ml. |
| Formulation | Lyophilized from a 0.22 μ m-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4 |

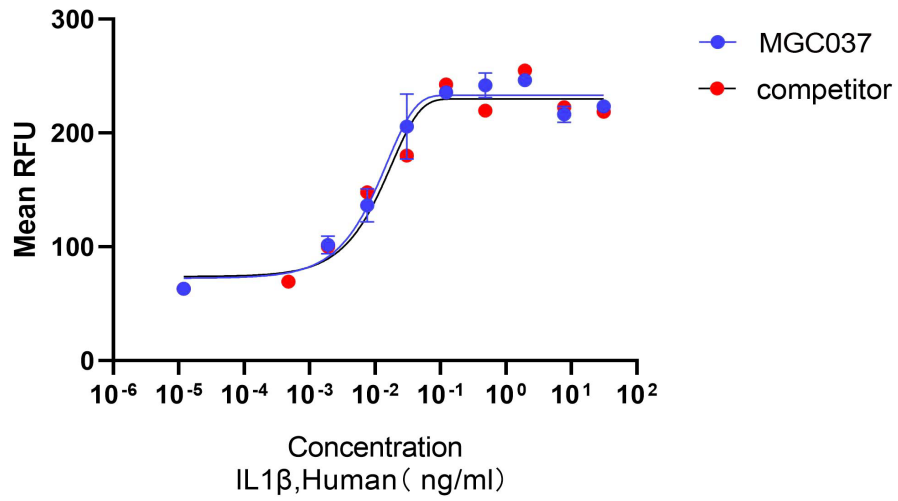
Handling and Storage:

| | |
|--------------------------------|---|
| 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



Measured by its ability to induce NF-κB reporter activity in MCF-7 cells.

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