

Recombinant Human IL-1ra

Catalog Number: SJB17
Strength: 50µg

Specifications and Use

- | | |
|----------------------------|---|
| Source | <ul style="list-style-type: none">● E. coli. |
| Molecular Mass | <ul style="list-style-type: none">● Approximately 17.1kD. |
| Purity | <ul style="list-style-type: none">● ≥97%. |
| Endotoxin Level | <ul style="list-style-type: none">● <1EU/µg, determined by the LAL method. |
| Biological Activity | <ul style="list-style-type: none">● Measured by its ability to inhibit IL-1 alpha -dependent proliferation in D10.G4.1 mouse helper T cells. The ED50 should be less than 50ng/ml in the presence of 50pg/ml rhIL-1alpha. |
| Formulation | <ul style="list-style-type: none">● Sterile lyophilized powder, in PBS, pH7.4. |
| Reconstitution | <ul style="list-style-type: none">● It is recommended to reconstitute the lyophilized rHuIL-1α in 0.2ml sterile water. |
| Storage | <ul style="list-style-type: none">● Lyophilized samples are stable for greater than six months from date of receipt at -20°C to -70°C.● Avoid repeated freeze-thaw cycles. |

Recombinant Human IL-1ra

Interleukin-1 receptor antagonist IL-1RA, an endogenous inhibitor of interleukin-1 mainly produced by monocytes/macrophages. It can bind to type I and TYPE II IL-1R without activating signal transduction, so as to competitively inhibit the effects produced by il-1 binding to IL-1R, thereby blocking the IL-1-mediated inflammatory response and reducing tissue damage caused by immune response, infection and inflammatory response.

FOR LABORATORY USE ONLY.