

Recombinant human LIF protein (Active, CHO)

Catalog Number: bs-48075P

Species: Human

AA Seq: 23-202/202

Predicted MW: 19.7

Tags: Tag free

Activity: Yes

Endotoxin: ≤ 10 EU/mg

Purity: $\geq 95\%$ as determined by SDS-PAGE.

Purification: AC

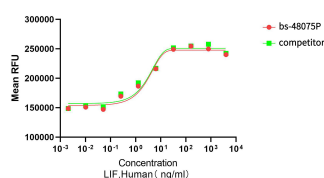
Form: Lyophilized

Storage: Lyophilized from 0.22 μ m-filtered solution in PBS, 5% mannitol, 0.01% Tween 80, pH7.4

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 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.

Background: The leukemia inhibitory factor- LIF is a kind of cell factor that has various living creature functions. It has the leukemia cell of inducement to divide, regulating the growth metabolism of the bone organization, maintaining the basic characteristic of the Embryonic stem cells and promoting the mankind build the blood stem cell to divide to propagate, promote the cholinergic neuron to divide, obstruct the fat cell to synthesize, stimulate the muscle cell growth, regulate the liver cell to expect to respond the egg white to synthesize etc. in the acute the biology activity etc. function.

VALIDATION IMAGES



Measured in a cell proliferation assay using TF-1 cells.