

CytoGrow™ Recombinant FGF-8b (Human)

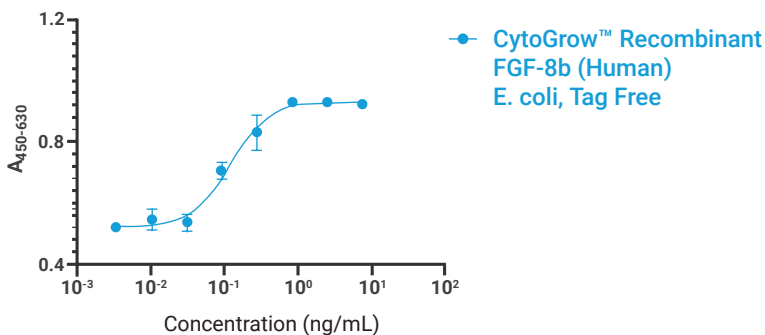
Catalog Numbers: CG020-A, CG020-B, CG020-C

Revision 1.0

Specifications

| | |
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| Synonym | |
| Species | Human |
| Size | 10µg/50µg/1mg |
| Tag | Tag Free |
| Purity | ≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining) |
| Endotoxin | ≤10 EU/mg by the LAL method |
| Expression System | E. coli |
| Expression Region | Gln23-Arg215 |
| pH | 7.0-8.0 |
| Appearance | |
| Formulation | Lyophilized |
| Shipping | The product is shipped with blue ice |
| Reconstitution | It is recommended to redissolve in sterile deionized water. |
| Storage and Stability | <p>Lyophilized state: 36 months at -20°C to -80°C</p> <p>After reconstitution and under sterile conditions. 6 months at -20°C to -80°C 7-10 days at 2°C to 8°C</p> <p>Store in a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> |

Bioactivity



Biological activity is assessed based on the stimulation of NIH3T3 cell proliferation. The expected ED₅₀ is less than or equal to 1.0 ng/mL.

Reconstitution

1. Reconstitute protein to concentrations of 100 µg/mL or higher.
2. Use sterile deionized water to solubilize the lyophilized protein.
3. Gently tap glass vial to help collect the powder to the bottom.
4. Add desired amount of buffer, observe after 2 min. Gentle agitation by hand may be required.
5. Prepare aliquots of solution. Freeze at -20°C to -80°C to avoid repeated freeze thaw cycles.