

CytoGrow™ Recombinant TGF-β1 (Human)

Catalog Numbers: CG070-A, CG070-B, CG070-C

Revision 1.0

Specifications

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	HEK293
Expression Region	Ala279-Ser390
pH	6.0-7.0
Appearance	White powder, Colorless clear liquid after reconstitution
Formulation	Lyophilized
Shipping	The product is shipped with blue ice
Reconstitution	It is recommended to redissolve in 4mM HCl.
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>

Reconstitution

1. Reconstitute protein to concentrations of 100 ug/mL or higher.
2. Use sterile 4mM HCl 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.