TheWell BIOSCIENCE

Product Data Sheet

CytoGrow™ Recombinant FGF-10/KGF2 (Human)

Catalog Numbers: CG113-A, CG113-B, CG113-C

Revision 1.0

Specifications

Synonym	Fibroblast growth factor 10; FGF-10; Keratinocyte growth factor 2; FGF10; KGF-2; KGF2
Species	Human
Size	10μg/50μg/1mg
Tag	Tag Free
Purity	≥ 95%
Endotoxin	≤10 EU/mg by the LAL method
Expression System	E. coli
Expression Region	Gln38-Ser208
pH	7.0-8.0
Appearance	White powder, Colorless clear liquid after reconstitution
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Shipping	US - Ships overnight
Reconstitution	Recommended to redissolve in sterile deionized water.
Storage and Stability	Lyophilized state: 36 months at -20°C to -80°C After reconstitution and under sterile conditions. 6 months at -20°C to -80°C 7-10 days at 2°C to 8°C Store in a manual defrost freezer and avoid repeated freeze-thaw cycles.

Bioactivity

Reconstitution

1. Reconstitute protein to concentrations of 100 ug/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.