

CytoGrow™ Recombinant Fibronectin Fragment (Human)

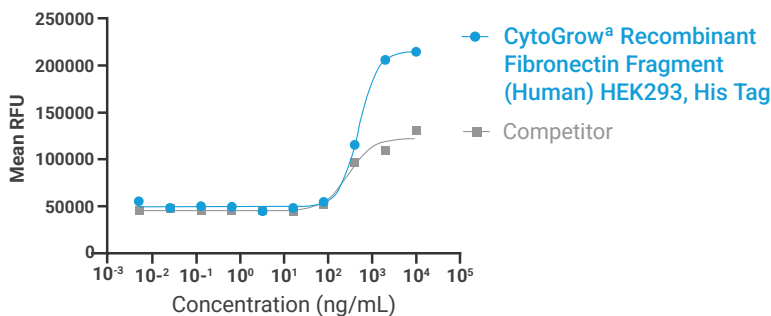
Catalog Numbers: CG130-A, CG130-B, CG130-C

Revision 1.0

Specifications

Synonym	FN; Cold-insoluble globulin; CIG; FN; Fibronectin 1
Species	Human
Size	10µg/50µg/1mg
Tag	His Tag
Purity	≥95%, by SDS-PAGE (under conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Expression System	HEK293
Expression Region	
pH	2.0-3.0
Appearance	White powder, Colorless clear liquid after reconstitution
Formulation	Lyophilized from a 0.22 µm-filtered solution containing 20 mM Sodium acetate, 5% Mannitol and 0.01% Tween 80, pH 2.5
Shipping	US - Ships overnight
Reconstitution	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



Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 cells.

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.