

CytoGrow™ Recombinant NRG1 (Human)

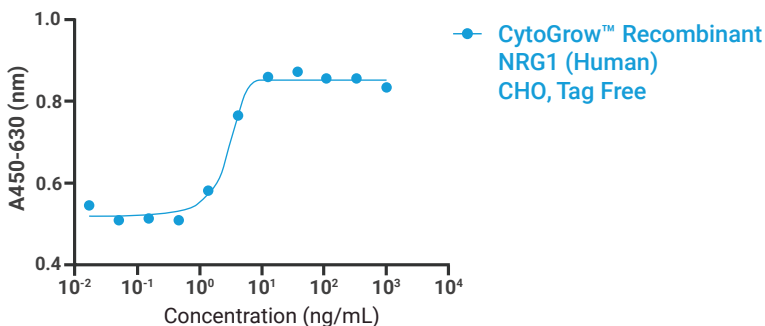
Catalog Numbers: CG062-A, CG062-B, CG061-C

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
Expression System	E. coli
Expression Region	S177-E241
pH	7.0-8.0
Appearance	White Powder or clear liquid
Formulation	Lyophilized
Shipping	The product is shipped with blue ice
Reconstitution	It is 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



Purity is assessed by SDS-PAGE under both reducing and non-reducing conditions. The gel was stained to evaluate the integrity of CytoGrow™ Recombinant NRG1 (Human)

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.