

Recombinant Human NRG1-β2

Cat.No.:MGC171 size:10μg/50μg/500μg

Characteristics:

Source	<i>E.coli</i>
Species	Human
Tag	Tag free
Description	Human NRG1-β2 (Ser177-Gln237)
Accession#	Q02297
Predicted molecular mass	~7.0 kDa. It is composed of one non-glycosylated polypeptide chain containing 61 amino acids.

Specification:

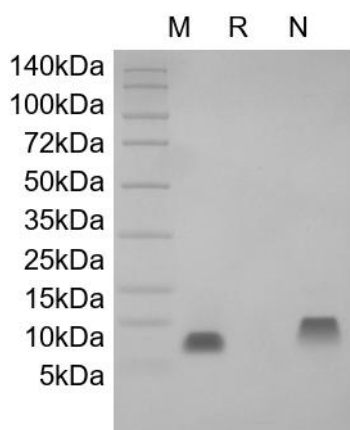
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.01 EU/μg
Activity	The ED50 as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 5 ng/ml, corresponding to a specific activity of ≥ 2.0×10 ⁵ IU/mg.
Formulation	0.2 μm-filtered solution containing 20 mM PB, with 150 mM NaCl, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20℃ to -80℃ in lyophilized state 6 months at -20℃ to -80℃ under sterile conditions after reconstitution 7-10 days at 2℃ to 8℃ under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

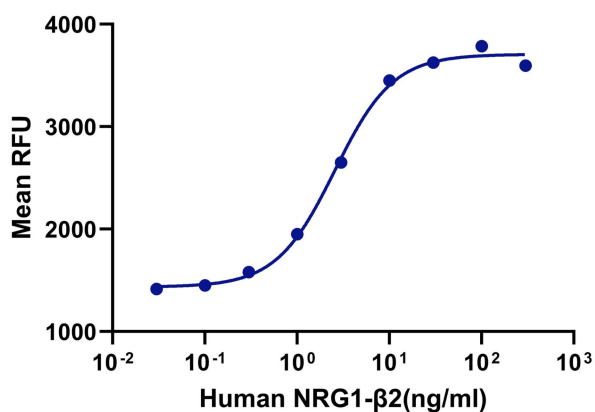
Data:

SDS-PAGE



Recombinant Human NRG1-β2 (Cat. No. MGC171) SDS-PAGE under reducing (R) & Non-reducing conditions.

Bioactivity



The ED₅₀ as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 5 ng/ml, corresponding to a specific activity of $\geq 2.0 \times 10^5$ IU/mg.

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