

Recombinant Human NRG1 Beta 1 (*E.coli*-expressed)

Catalog Number: Y01621H

Characteristics:

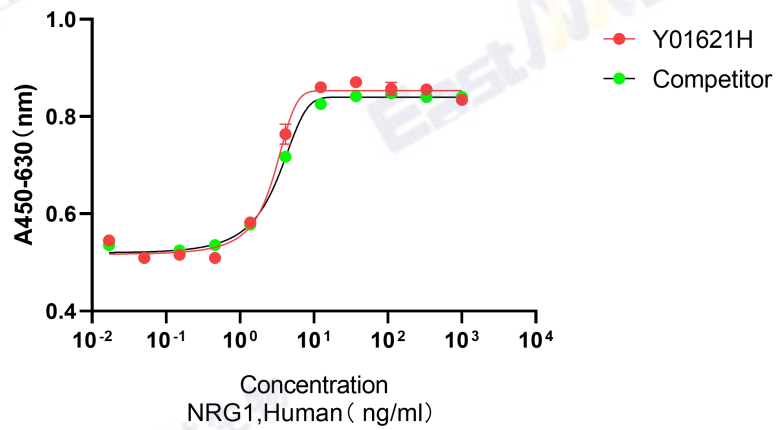
Source	<i>E.coli</i>
Description	Human NRG1 (S177-E241) Accession # NP_039250
Predicted molecular mass	7.5kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using MCF-7 breast cancer cell line. The ED ₅₀ for this effect is 1-8 ng/mL.
Formulation	Lyophilized from a 0.22 µm-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 µg/vial, 50µg /vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:**Bioactivity**

Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells.