

Recombinant Bovine/Porcine NRG1- β 1

Catalog Number: Y01621F

Characteristics:

Source	<i>E.coli</i>
Description	Porcine NRG1 (Ser232-Glu296) A0A286ZPD3
Predicted molecular mass	7.5 kDa

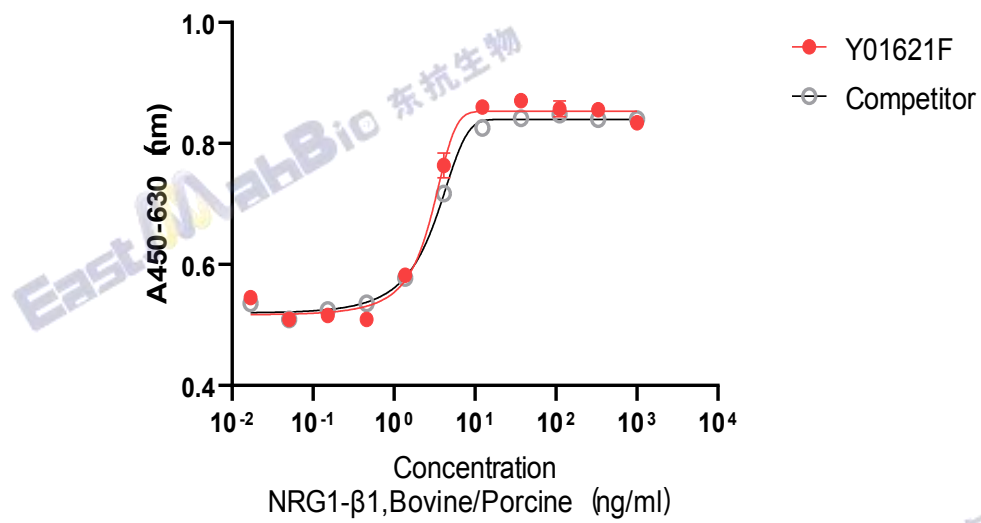
Specification:

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 μ m-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 μ g/vial, 50 μ g /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.

Bioactivity



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