

Human Pro-neuregulin-1/NRG1 (Beta1) protein (Recombinant) (N-hFc) (STJP002948)

STJP002948

GENERAL INFORMATION

Product Type Proteins
Short Description
Host/Source HEK293 cells

PRODUCT PROPERTIES

Concentration

Formulation Lyophilised from a 0.22 μ m filtered solution of PBS, pH 7.4.

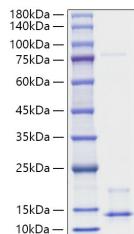
Purification

Dilution Range > 92% by SDS-PAGE.

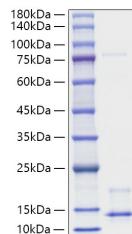
Storage Instruction Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

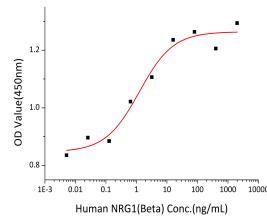
Gene ID 3084
Gene Symbol NRG1
Uniprot ID NRG1_HUMAN
Immunogen Sequence



Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.



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Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) stimulates proliferation of MCF-7 breast cancer cells and A549 lung cancer cells. The ED₅₀ for this effect is typically 0.62-2.48 ng/mL, corresponding to a specific activity of 4,030-10,510 units/mg.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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