

Active Recombinant Human NRG1 protein

Cat. No. NRG1-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NRG1 protein(AAA58639.1)(Ser2-Lys246) is expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-246 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Human breast cancer organoids were cultured with Wnt3a, Noggin, R-spondin 3, KGF, FGF-10, EGF and NRG1-beta 1. DAPI (blue), Ki67(red) and ER(green).
Molecular Mass	26.9 KDa
Endotoxin	< 0.01 EU/g as determined by LAL test.
Purity	Greater than 85% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not

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recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [NRG1 neuregulin 1 \[Homo sapiens \]](#)

Official Symbol [NRG1](#)

Synonyms NRG1; neuregulin 1; HGL; pro-neuregulin-1, membrane-bound isoform; GGF; HRG; NDF; MSTP131; pro-NRG1; glial growth factor; neu differentiation factor; neuregulin 1 type IV beta 3; neuregulin 1 type IV beta 1a; sensory and motor neuron derived factor; heregulin, alpha (45kD, ERBB2 p185-activator); ARIA; GGF2; HRG1; HRGA; SMDF; MST131;

Gene ID [3084](#)

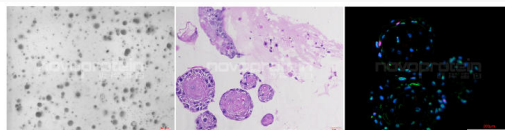
mRNA Refseq [NM_001159995](#)

Protein Refseq [NP_001153467](#)

MIM [142445](#)

UniProt ID [Q02297](#)

Activity



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SDS-PAGE

