GMP Recombinant Human NRG1 protein

Cat. No. NRG1-32HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human NRG1 protein(Q02297)(Ser20-Arg242) was expressed in CHO in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
ProteinLength	Ser20-Arg242
Tag	Non
Form	Lyophilized from a 0.22 μm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Bio-activity	Measured in a cell proliferation assay using MCF-7 breast cancer cell line. The ED50 for this effect is 1-8 ng/mL.
Molecular Mass	24.2 kDa
Endotoxin	≤10 EU/mg by the LAL method
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Storage	24 months at -20°C to -80°C in lyophilized state; 7-10 days at 2°C to 8°C under sterile

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	conditions after reconstitution; 6 months at -20°C to -80°C under sterile conditions after reconstitution.
Reconstitution	It is recommended to redissolve in sterile deionized water.
GeneID	3084

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;
mRNA Refseq	NM_001159995
Protein Refseq	NP_001153467
MIM	142445
UniProt ID	Q02297

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