

Active Recombinant Human NRG1 Protein, His-tagged

Cat. No. NRG1-11129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NRG1 Protein(Q02297-6)(Ser177-Glu241) is expressed from HEK293 with His tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	177-241 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM NaAc, 150mM NaCl (pH 5.0).
Bio-activity	Immobilized Human NRG1 Beta 1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human Her3, hFc Tag with the EC50 of 35.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 8.57 kDa. Due to glycosylation, the protein migrates to 10-13 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

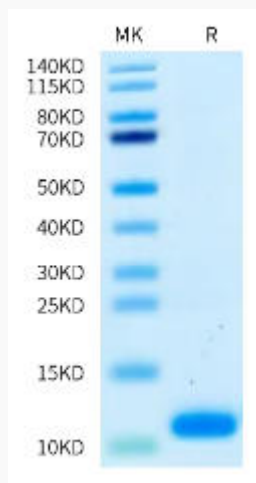
UniProt ID [Q02297](#)

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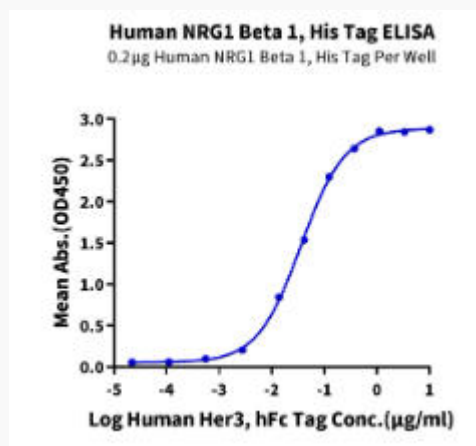
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Bis-Tris PAGE



ELISA Data



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