

Active Recombinant Human NRG1 protein, hFc-tagged

Cat. No. NRG1-7320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NRG1 protein(Q02297-6)(Ser2-Lys246) is expressed from HEK293 with hFc (IgG1) tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	2-246 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Her4, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human NRG1 Beta 1, hFc Tag with the EC50 of 18.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 54.00 kDa. Due to glycosylation, the protein migrates to 70-80 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 > 95% as determined by HPLC
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

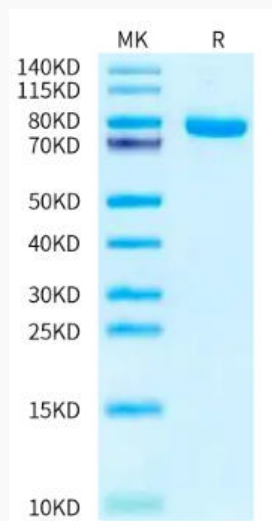
UniProt ID [Q02297](#)

 Tel: 1-631-559-9269 1-516-512-3133

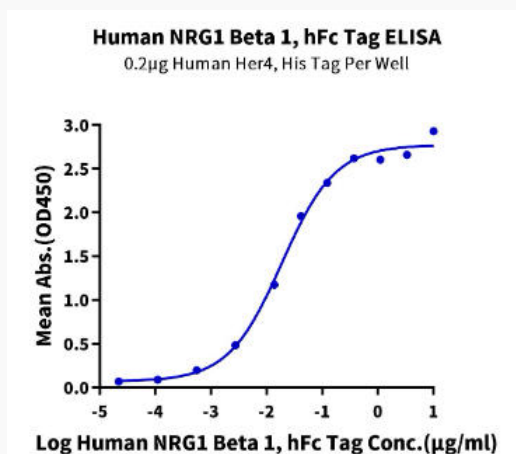
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA