Biotinylated Human NRG1 Beta 1 Protein (Primary Amine Labeling)

Catalog # NRG1-HB001 Form: Lyophilized

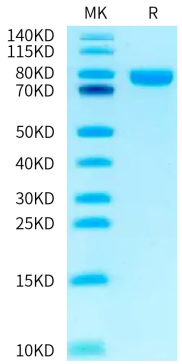
Product Details

Product description	Recombinant Biotinylated Human NRG1 Beta 1 Protein (Primary Amine Labeling) is expressed in HEK293 cells with an hFc (IgG1) tag at the N-terminus. It contains amino acid residues Ser2-Lys246 (UniProt accession: Q02297-6).
Molecular aliases	Pro-NRG1; NRG1; GGF; HGL; HRGA; NDF; SMDF; Beta1; Beta1A
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 54.00 kDa. Due to glycosylation, the protein migrates to 75-90 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human NRG1 Beta 1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.