

Human NRG1/GGF/HGL/HRGA/NDF/SMDF (His tag) recombinant protein



Catalog Number: 519900

General Information

Gene Name Synonym

Pro-neuregulin-1, Neuregulin-1 beta 1, NRG1-beta 1, HRG1-beta 1 ECD, EGF, NRG1, GGF, HGL, HRGA, NDF, SMDF,

Protein Construction

A DNA sequence encoding the Human NRG1/GGF/HGL/HRGA/NDF/SMDF Met1-Lys246 is expressed with a 6His tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Formulation

Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of 4mM HCl.

Usage Guide

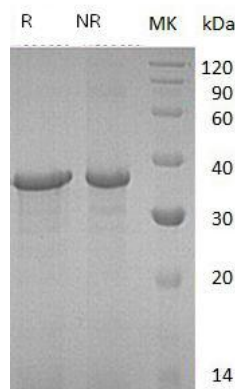
Storage

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\ \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE



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