

Recombinant Human NRG3 Protein, Fc-tagged

Cat. No. NRG3-762H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NRG3 (NP_001159444.1) (Glu282-Pro342) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	282-342 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human NRG3 consists 299 amino acids and predicts a molecular mass of 33.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NRG3 neuregulin 3 \[Homo sapiens \]](#)

Official Symbol [NRG3](#)

Synonyms

NRG3; neuregulin 3; pro-neuregulin-3, membrane-bound isoform; neuregulin 3 variant 1; neuregulin 3 variant 3; neuregulin 3 variant 4; neuregulin 3 variant 5; neuregulin 3 variant 6; neuregulin 3 variant 7; neuregulin 3 variant 8; neuregulin 3 variant 9; neuregulin 3 variant 10; neuregulin 3 variant 11; neuregulin 3 variant 12; neuregulin 3 variant 13; neuregulin 3 variant 14; neuregulin-3-like polypeptide; HRG3; pro-NRG3;

Gene ID [10718](#)

mRNA Refseq [NM_001010848](#)

Protein Refseq [NP_001010848](#)

MIM [605533](#)

UniProt ID [P56975](#)

Chromosome Location 10q22-q23

Pathway

ErbB receptor signaling network, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem; ErbB signaling pathway, organism-specific

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biosystem; ErbB signaling pathway, conserved biosystem; ErbB4 signaling events, organism-specific biosystem; GRB2 events in ERBB2 signaling, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem;

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