

Recombinant Human NRG3 protein(Glu282-Pro342), His-tagged

Cat. No. NRG3-763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRG3 protein(ADK90021.1)(Glu282-Pro342), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu282-Pro342
similar	NRG3
Alias	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;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	

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MolecularMass	The recombinant human NRG3 consists 72 amino acids and predicts a molecular mass of 8.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	NRG3 neuregulin 3 [Homo sapiens]
GeneNameWeblink	10718
OfficialSymbol	NRG3
OfficialSymbolWeblink	10718
GenelD	10718
GenelDWeblink	10718
mRNARefseq	NM_001010848
mRNARefseqWeblink	NM_001010848.3
ProteinRefseqWeblink	NP_001010848.2

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MIMWeblink	605533
UniProtID	P56975
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GENE INFORMATION

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;
MIM	605533