

## Recombinant Human NRG4 Protein, His-tagged

Cat. No. NRG4-825H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NRG4 protein with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	115
<b>Description</b>	The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	8.6 kDa
<b>AA Sequence</b>	MPTDHEEPCGPSHKSFCLNGGLCYVIPTIPSPFCRCVENYTGARCEEVFLPGSSIQT KSNLFEAFVALAVLVTLIIGAFYFLCRKGHFQRASSVQYDINLVETSSTSAHHSHEQH
<b>Purity</b>	> 98%
<b>Applications</b>	Migration Assay;
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

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<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H <sub>2</sub> O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	NRG4 neuregulin 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	NRG4
<b>Synonyms</b>	NRG4; neuregulin 4; pro-neuregulin-4, membrane-bound isoform; HRG4; pro-NRG4; heregulin 4; DKFZp779N0541; DKFZp779N1944;
<b>Gene ID</b>	145957
<b>mRNA Refseq</b>	NM_138573
<b>Protein Refseq</b>	NP_612640
<b>MIM</b>	610894
<b>UniProt ID</b>	Q8WWG1

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