Recombinant Human NRG4 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human NRG4 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	115
Description	The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation.
Form	Lyophilized
Molecular Mass	8.6 kDa
AA Sequence	MPTDHEEPCGPSHKSFCLNGGLCYVIPTIPSPFCRCVENYTGARCEEVFLPGSSIQT KSNLFEAFVALAVLVTLIIGAFYFLCRKGHFQRASSVQYDINLVETSSTSAHHSHEQH
Purity	> 98%
Applications	Migration Assay;
Stability	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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O 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

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

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