

NRG4 (Human) Recombinant Protein

Catalog # P8963

Size 2 x 10 ug

Specification

Product Description	Human NRG4 (Q8WWG1, 1 a.a. - 61 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMPTDHEEPCGPSHKSFCLNGGLCWIPITSPFCRCVENYTGARCEEVFLPGSSIQTksNL.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	9.1
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS PAGE
Storage Buffer	20mM Tris-HCl(pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- SDS-PAGE

Gene Info — NRG4

Entrez GeneID	145957
Protein Accession#	Q8WWG1
Gene Name	NRG4

Gene Alias	DKFZp779N0541, DKFZp779N1944, HRG4
Gene Description	neuregulin 4
Omim ID	610894
Gene Ontology	Hyperlink
Gene Summary	The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation (Harari et al., 1999 [PubMed 10348342]).[supplied by OMIM]
Other Designations	OTTHUMP00000183575 heregulin 4

Pathway

- [ErbB signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)