9051 Mira Mesa Blvd, #910094
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NRG4 Human

Neuregulin-4 Human Recombinant
NTR0054

Product Overview

Name	NRG4 Human
Description	
Neuregulin-4 Human Recombinant	
Accession (Primary)	Q8WWG1
Synonyms	
Neuregulin 4, HRG4, Pro-neuregulin-4, membrane-bound isoform, Pro-NRG4, NRG-4.	
Introduction	
Neuregulin-4 (NRG4) is a part of the neuregulin family that owns 1 EGF-like domain and is a low affinity ligand for the ERBB4 tyrosine kinase receptor. NRG4 links ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
NRG4 protein solution (0.25mg/ml) contains 20mM Tris-HCl(pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. 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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPTDHEE PCGPSHKSFC LNGGLCYVIP TIPSPFCRCV ENYTGARCEE VFLPGSSIQT KSNL.	
Precautions	
NRG4 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (Q8WWG1)

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