

## 32-1623: NRG4 Recombinant Protein

**Alternative Name :** Neuregulin 4,HRG4,Pro-neuregulin-4,membrane-bound isoform,Pro-NRG4,NRG-4.

### Description

Source : Escherichia Coli. NRG4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 84 amino acids (1-61 a.a.) and having a molecular mass of 9.1kDa. NRG4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	NRG4 protein solution (0.25mg/ml) contains 20mM Tris-HCl(pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMPDHEE PCGPSHKSFCLNGGLCYVIP TIPSPFCRCV ENYTGARCEE VFLPGSSIQT KSNL.

