

Neuregulin-4 Human Recombinant

Item Number	rAP-2693
Synonyms	Neuregulin 4, HRG4, Pro-neuregulin-4, membrane-bound isoform, Pro-NRG4, NRG-4.
Description	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.
Uniprot Accesion Number	Q8WWG1
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPDHEE PCGPSHKSFCLNGGLCYVIP TIPSPFCRCV ENY-TGARCEE VFLPGSSIQT KSNL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	NRG4 protein solution (0.25mg/ml) contains 20mM Tris-HCl(pH8.0), 30% glycerol, 0.15M NaCl and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**