



**Catalog Number:** PR27174

**Product Type:** Recombinant Protein

**Source:** E. Coli

**Synonyms:** hng, RC3, Neurogranin, Ng, NRGN.

**Amino Acid Sequence:** MGSSHHHHH SGLVPRGSH MGSMDCTEN ACSKPDDDL DIPLDDPGAN  
AAAAKIQASF RGHMARKKIK SGERGRKGGP PGGPGGAGVA RGGAGGGPSG D.

**Description/Molecular Mass:** Neurogranin/NRGN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids (1-78 a.a.) and having a molecular mass of 10.0kDa. NRGN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Format:** NRGN protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH7.0), 30% glycerol 0.1mM PMSF and 1mM EDTA.

**Storage:** 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.**

### *FOR RESEARCH USE ONLY*

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