

Neurogranin Human Recombinant

Item Number	rAP-2698
Synonyms	hng, RC3, Neurogranin, Ng, NRGN.
Description	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 (molecular size on SDS-PAGE will appear higher). NRGN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chro-
Uniprot Accession Number	Q92686
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDCC TEN ACSKPDDDL DIPLDDPGAN AAAAKIQASF RGH-MARKKIK SGERGRKGPG PGGPGGAGVA RGGAGGGPSG D.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	NRGN protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH7.0), 30% glycerol 0.1mM PMSF and 1mM EDTA. 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**