

NRGN 抗原（重组蛋白）

中文名称： NRGN 抗原（重组蛋白）

英文名称： NRGN Antigen (Recombinant Protein)

别 名： neurogranin (protein kinase C substrate, RC3); RC3; hng

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	neurogranin (protein kinase C substrate, RC3)
Synonyms:	RC3; hng
Swissprot:	Q92686
Gene Accession:	BC002835
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Neurogranin (NRGN) is the human homolog of the neuron-specific rat RC3/neurogranin gene. This gene encodes a postsynaptic protein kinase substrate that binds calmodulin in the absence of calcium. The NRGN gene contains four exons and three introns. The exons 1 and 2 encode the protein and exons 3 and 4 contain untranslated sequences. It is suggested that the NRGN is a direct target for thyroid hormone in human brain, and that control of expression of this gene could underlay many of the consequences of hypothyroidism on mental states during development as well as in adult subjects.