

Neurogranin (Nrgn) Recombinant Protein | Nrgn recombinant protein

Recombinant Mouse Neurogranin (Nrgn)

CATALOG # AAA113168	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Neurogranin (Nrgn); Recombinant Mouse Neurogranin (Nrgn); Nrgn recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-78, Full length protein
Sequence	MDCCTESACS KPDDILDIP LDDPGANAAA AKIQASFRGH MARKKIKSGE CGRKGP GPGG PGGAGGARGG AGGGPSGD
Sequence Length	78
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Nrgn recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11528516
NCBI GeneID	64011
NCBI Accession #	NP_071312.1
NCBI GenBank Nucleotide #	NM_022029.2
UniProt Accession #	P60761 ; Q3TYH4 ; B2RRN7
Molecular Weight	7,496 Da
NCBI Official Full Name	neurogranin
NCBI Official Synonym Full Names	neurogranin
NCBI Official Symbol	Nrgn
NCBI Official Synonym Symbols	NG; RC3; Pss1; NG/RC3; R75334; AI838505; 0710001B06Rik

NCBI Protein Information	neurogranin
UniProt Protein Name	Neurogranin
UniProt Gene Name	Nrgn
UniProt Synonym Gene Names	Ng

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nrgn-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113168>