9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# SNCA 1-60 Human

*Alpha Synuclein 1-60 Human Recombinant*
*RCP2143*

## Product Overview

| | |
|---|---|
| Name | SNCA 1-60 Human |

**Description**

Alpha Synuclein 1-60 Human Recombinant

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|---|---|
| Accession (Primary) | P37840 |

**Synonyms**

Alpha-synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, NACP, PD1, PARK1, PARK4, MGC110988, a-Synuclein, SNCA.

**Introduction**

a-Synuclein (amino acids 1-140), an acidic neuronal protein of 140 amino acids, is extremely heat-resistant and is natively unfolded with an extended structure primarily composed of random coils. a-synuclein has been suggested to be implicated in the pathogenesis of Parkinson's disease and related neurodegenerative disorders, and more recently, to be an important regulatory component of vesicular transport in neuronal cells. Moreover, recent studies have shown that a-synuclein has chaperone activity and that this activity is lost upon removing its C-terminal acidic tail (amino acids 96-140).

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile filtered colorless solution.

**Formulation**

The SNCA 1-60 protein solution (1mg/ml) contains 20mM Tris-HCl buffer pH 7.5 and 100mM NaCl.

**Stability**

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.

**Purity**

Greater than 95.0% as determined by SDS-PAGE.

**Amino acid sequence**

MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTK.

**Precautions**

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SNCA 1-60 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P37840 )