9051 Mira Mesa Blvd, #910094
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SNCA 61-140 Human

Alpha Synuclein 61-140 Human Recombinant
RCP2145

Product Overview

Name	SNCA 61-140 Human

Description

Alpha Synuclein 61-140 Human Recombinant

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 61-140 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

MEQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA.

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Precautions

SNCA 61-140 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P37840)