9051 Mira Mesa Blvd, #910094
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SNCA Mouse

Alpha-Synuclein Mouse Recombinant
RCP2153

Product Overview

Name	SNCA Mouse

Description

Alpha-Synuclein Mouse Recombinant

Accession (Primary)	O55042

Synonyms

Alpha-synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, NACP, PD1, PARK1, PARK4, MGC110988, α-Synuclein, SNCA, Syn, 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 protein contains 20mM Tris-HCl buffer (pH 7.5) and 10% glycerol.

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 GVTTVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKDQM GKGEEGYPQE GILEDMPVDP GSEAYEMPSE EGYQDYEPEA.

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Precautions

SNCA Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O55042)