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

SNCA 1-95, Human

Alpha-Synuclein 1-95 Human Recombinant
RCP2144

Product Overview

Name	SNCA 1-95, Human

Description

Alpha-Synuclein 1-95 Human Recombinant

Accession (Primary)	P37840

Synonyms

SNCA, NACP, PARK1, alpha-Synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, Alpha synuclein, Alpha-synuclein isoform NACP140, alphaSYN, MGC105443, MGC110988, MGC127560, MGC64356, Non A beta component of AD amyloid, Non A4 component of amyloid precursor, Non-A-beta component of alzheimers disease amyloid, precursor of PARK 1, PARK 4, PARK4, Parkinson disease familial 1, PD 1, PD1, Synuclein alpha.

Introduction

Alpha-synuclein or SNCA is a synuclein protein. SNCA mainly found in the brain, small concentration of the protein can also be located in other tissues such as heart and muscle. When looking in the brain tissue, SNCA is located in the end of the neuron, in an area called presynaptic terminal. In the presynaptic terminal SNCA has interaction with phospholipids & other proteins. Neurotransmitters are released from the synaptic vesicles in the Presynaptic terminals and act as messengers. Once released, the neurotransmitters send signals across the neurons that are crucial for the brain’s operation.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SNCA protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 7.5) and 0.1 M 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.

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Amino acid sequence

MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFV

Precautions

SNCA 1-95, Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P37840)