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

SNCA E46K, Human

Alpha-Synuclein E46K Human Recombinant
RCP2151

Product Overview

Name	SNCA E46K, Human
Description	
Alpha-Synuclein E46K 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	
SNCA or Alpha-synuclein is a protein with undisclosed function that mainly concentrated in the brain tissue, mainly in the tips of the neurons in the presynaptic terminals. Almost 1% of the proteins in the brain tissues are synucleins. The protein is located mainly in the hippocampus, thalamus, cerebellum & neocortex. Smaller amounts of the SNCA protein can be found in the neuroglial cells. The MITF protein regulates the SNCA expression in melanocytic cells.	
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.	
Amino acid sequence	
MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKKGVVH GVATVAEKTK EQVTNVGGAV	

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VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

Precautions

SNCA E46K, Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P37840)