

Recombinant Human Synuclein, Alpha (Non A4 Component of Amyloid Precursor), 96-140

Cat. No. SNCA-292H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human α -Synuclein protein produced in E.Coli encodes 46 (96-140) amino acids and has a molecular mass of 5.2 kDa.
Species	Human
Source	E.coli
ProteinLength	96-140 a.a.
Description	A deletion mutant of α -synuclein (amino acids 96-140). Syn96-140 was overexpressed in E. coli and was purified to apparent homogeneity by taking advantage of the thermosolubility of protein and by using conventional column chromatography techniques. Additional amino acid (Met) is attached at the N-terminus.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl.
Molecular Weight	5.2 kDa (46 amino acids).
Purity	> 95% by SDS PAGE.
Concentration	1 mg/ml (determined by BCA assay).
Sequence	MKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYPEA

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Storage Store at -20 °C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name SNCA

Synonyms SNCA; synuclein, alpha (non A4 component of amyloid precursor); PD1; NACP; PARK1; PARK4; MGC110988; alpha-synuclein, isoform NACP140; Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; alpha-synuclein; OTTHUMP00000161559; OTTHUMP00000161561; non A-beta component of AD amyloid; synuclein, alpha (non A4 component of amyloid precursor); Synuclein, alpha (non-Abeta component of Alzheimer"s disease amyloid precursor protein: NACP).

Gene ID 6622

mRNA Refseq NM_000345.3

Protein Refseq NP_000336.1

MIM 163890

UniProt ID P37840

Chromosome Location 4q21

Pathway Alzheimer"s disease; Neurodegenerative Disorders; Parkinson"s disease.

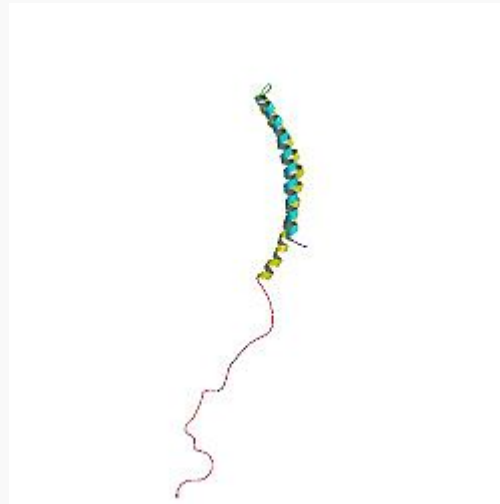
Function Hsp70 protein binding; alpha-tubulin binding; dynein binding; histone binding; kinesin binding; tau protein binding; transferrin transmembrane transporter activity.

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**PDBrendering based
on 1xq8. Available
structures: 1xq8.**



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