

Recombinant Human Synuclein, Alpha (Non A4 Component of Amyloid Precursor), 1-60

Cat. No. SNCA-293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human α -Synuclein protein produced in E.Coli encodes 60 (1-60) amino acids and has a molecular mass of 6.1 kDa.
Species	Human
Source	E.coli
Protein Length	1-60 a.a.
Description	A deletion mutant of α -synuclein (amino acids 1-60), which contains the N-terminal amphipathic domain. Syn1-60 was overexpressed in E. coli and the recombinant protein was purified to apparent homogeneity by using conventional column chromatography techniques.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl.
Molecular Weight	6.1 kDa (60 amino acids).
Purity	>95% by SDS PAGE.
Concentration	1 mg/ml (determined by BCA assay).
Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVATVAEKT

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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.

