

Recombinant Human Synuclein, Alpha (Non A4 Component of Amyloid Precursor), 1-95

Cat. No. SNCA-295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human α -Synuclein protein produced in E.Coli encodes 95 (1-95) amino acids and has a molecular mass of 9.3 kDa.
Species	Human
Source	E.coli
ProteinLength	1-95 a.a.
Description	A deletion mutant of α -synuclein (amino acids 1-95), which contains the N-terminal amphipathic domain and NAC region. α -synuclein 1-95 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 100 mM NaCl.
Molecular Weight	9.3 kDa (95 aa).
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by BCA assay).
Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing 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

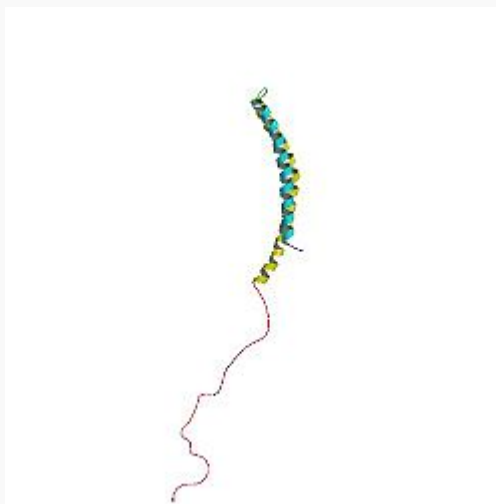
Hsp70 protein binding;alpha-tubulin binding;dynein binding;histone binding;kinesin binding;tau protein binding;transferrin transmembrane transporter activity.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA