

## Recombinant Human SNCA Protein

Cat. No. SNCA-385H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SNCA(1-140 aa) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-140 aa
<b>Description</b>	SNCA is associated with human neurodegenerative diseases, where it forms aggregates in nerve tissues. Diseases include Parkinson's disease, dementia with lewy bodies, and multi-system atrophy, but also other's disease like Alzheimer's Disease. Lewy Bodies are well-known cytoplasmic deposits of SNCA in Parkinson's disease.
<b>Form</b>	Finally dialysed in pure water, shock frozen in liquid nitrogen at a protein concentration of 2.5 mg/ml
<b>Molecular Mass</b>	14604 kg/mol
<b>AA Sequence</b>	GSMDVFMKGLSKAKEGVVAAAEEKTKQGVAEAAAGKTKEGVLYVGSKTKEGVVHGVA TVAEKTKEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFVKKDQLGKNEEGAPQ EGILEDMPVDPDNEAYEMPSEEGYQDYEPEA
<b>Purity</b>	> 98% by SDS-PAGE

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<b>Notes</b>	Thawing: Gentle agitation at 37 centigrade. Refreezing is not recommended and should be avoided.
<b>Storage</b>	Store at -80 centigrade
<b>Concentration</b>	2.5 mg/ml

## GENE INFORMATION

<b>Gene Name</b>	SNCA synuclein, alpha (non A4 component of amyloid precursor) [ Homo sapiens ]
<b>Official Symbol</b>	SNCA
<b>Synonyms</b>	SNCA; synuclein, alpha (non A4 component of amyloid precursor); PARK1, PARK4, Parkinson disease (autosomal dominant, Lewy body) 4; alpha-synuclein; alpha synuclein; NACP; PD1; synuclein alpha-140; non A-beta component of AD amyloid; PARK1; PARK4; MGC110988;
<b>Gene ID</b>	6622
<b>mRNA Refseq</b>	NM_000345
<b>Protein Refseq</b>	NP_000336
<b>MIM</b>	163890
<b>UniProt ID</b>	P37840

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