

OriGene Technologies, Inc.

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Product datasheet for SA6010X

Alpha-Synuclein / SNCA (1-95) Human Protein

Product data:

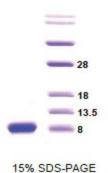
Product Type:	Recombinant Proteins
Description:	Alpha-Synuclein / SNCA (1-95) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFV
Predicted MW:	9.391 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl
Preparation:	Liquid protein
Protein Description:	A deletion mutant of alpha-synuclein (amino acids 1-95), which contains the N-terminal amphipathic domain and NAC region. Alpha-synuclein 1-95 was overexpressed in E. coli and the recombinant protein was purified to apparent homogenity by using conventional column chromatography techniques.
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 000336</u>
Locus ID:	6622
UniProt ID:	<u>P37840</u>
Cytogenetics:	4q22.1
Synonyms:	NACP, PARK1



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	llpha-Synuclein / SNCA (1-95) Human Protein – SA6010X
Summary:	Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma- synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2016]
Protein Families:	Druggable Genome
Protein Pathways:	Alzheimer's disease, Parkinson's disease
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Product images:



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