

Product datasheet for SA6006

Alpha-Synuclein / SNCA (61-140) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Alpha-Synuclein / SNCA (61-140) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MEQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA
Predicted MW:	8 kDa
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein. Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl.
Preparation:	Liquid purified protein.
Protein Description:	A deletion mutant of alpha-Synuclein (amino acids 61-140). Syn61-140 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.
Note:	Real molecular size on SDS-PAGE will be shift up.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000336
Locus ID:	6622
UniProt ID:	P37840
Cytogenetics:	4q22.1
Synonyms:	NACP, PARK1



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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

Product images: