

Product datasheet for SA6007

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc.

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Alpha-Synuclein / SNCA (96-140) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Alpha-Synuclein / SNCA (96-140) human protein, 0.1 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

or AA Sequence:

MKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

Predicted MW: 5.217 kDa **Concentration:** lot specific

>95% by SDS-PAGE **Purity:**

Buffer: Presentation State: Purified

State: Liquid protein

Preparation: Liquid protein

Protein Description: A deletion mutant of α -synuclein (amino acids 96-140). Syn96-140 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 attatched at the N-terminus.

Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and Storage:

thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000336

Locus ID: 6622 **UniProt ID:** P37840 Cytogenetics: 4q22.1

NACP, PARK1 Synonyms:





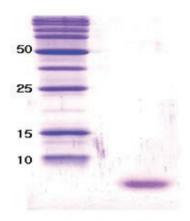
Summary:

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:



15% SDS-PAGE (3ug)