# Recombinant human alpha-Synuclein (96-140aa) protein

Catalog Number: SNA2007

## PRODUCT INFORMATION

**Expression system**
E.coli

**Domain**
96-140aa

**UniProt No.**
P37840

**NCBI Accession No.**
NP_000336

**Alternative Names**
SNCA, NACP, PARK1, PARK4, PD1, α-synuclein Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, Parkinson disease 4, autosomal dominant Lewy body

## PRODUCT SPECIFICATION

**Molecular Weight**
5.2 kDa (46aa) confirmed by MALDI-TOF

**Concentration**
1mg/ml (determined by BCA assay)

**Formulation**
Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl

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

**Tag**
Non-Tagged

**Application**
SDS-PAGE

**Storage Condition**
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**Description**
A deletion mutant of alpha-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.

**Amino acid Sequence**
MKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

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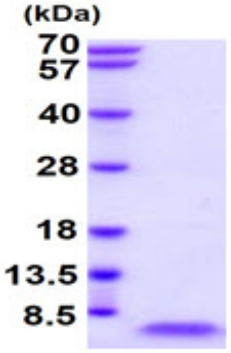
**General References**

Park SM., et al. (2002) Blood. 100(7):2506-14.
Park SM. et al. (2002) Biochemistry. 41(12):4137-46.

## DATA

**SDS-PAGE**




15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.