

Recombinant human alpha-Synuclein (1-95aa) protein

Catalog Number: SNA4002

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-95aa

UniProt No.

P37840

NCBI Accession No.

NP_000336.1

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

9.3 kDa (95aa) 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 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 homogeneity by using conventional column chromatography techniques.

Amino acid Sequence

MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV

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VTGVTAVAQK TVEGAGSIAA ATGFV

General References

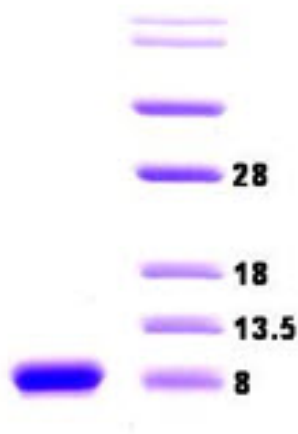
ueda K., et al. (1993) Proc. Natl. Acad. Sci. 90, 11282-11286.

Jakes., et al. (1994) FEBS Letters 345, 27-32

DATA

SDS-PAGE

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



15% SDS-PAGE (3ug)