

Recombinant human alpha-Synuclein (Delta-NAC) protein

Catalog Number: SNA2008

PRODUCT INFORMATION

Expression system

E.coli

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

11.9 kDa (111aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

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 that lacks the NAC region (amino acid 61-95). alpha-synuclein (deltaNAC) was overexpressed in E. coli and purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques. 6 amino acids were added as a linker.

Amino acid Sequence

MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTG GTEIWMKKDQ LGKNEEGAPQ
EGILEDMPVD PDNEAYEMPS EEGYQDYEP A

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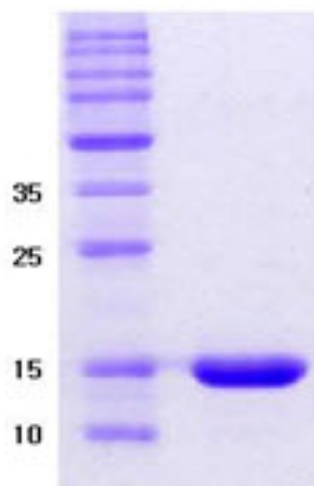
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General References

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

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)