

?-Synuclein 1-95, Human, Recombinant, E.coli

Cat.NO.: TP04113

3th Edition

Synonyms: SNCA, NACP, PARK1, alpha-Synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, Alpha synuclein, Alpha-synuclein isoform NACP140, alphaSYN, MGC105443, MGC110988, MGC127560, MGC64356

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.

Form: Liquid in 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl

Molecular Weight: 9.3 kDa (95 aa), confirmed by MALDI-TOF.

Sequences:

MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAAGKTKEGVLYVGSKTKEGVVHGVATVAEKTKEQVTNVGGAVVTGV
TAVAQKTVEGAGSIAAATGFV

Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.