

?-Synuclein 61-140, Human, Recombinant, E.coli

Cat.NO.: TP04115

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 61-140). Syn61-140 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 attached at the N-terminus.

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

Molecular Weight:8.4 kDa (81 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFVKKDKLKGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEGY
QDYEPEA

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.