

?-Synuclein 112(NACP112), Human, Recombinant, E.coli

Cat.NO.: TP04114

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:An alternatively spliced(103-129) form of alpha-synuclein. alpha-synuclein112 was cloned into an E. coli expression vector by RT-PCR.. The recombinant protein was purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.

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

Molecular Weight:11.3 kDa (112 aa), confirmed by MALDI-TOF.

Sequences:

MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAAGKTKEGVLYVGSKTKEGVVHGVATVAEKTKEQVTNVGGAVVTGV
TAVAQKTVEGAGSIAAATGFVKKDQLGKEGYQDYEPEA

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.