

?-Synuclein A30P/A53T, Human, Recombinant, E.coli

Cat.NO.: TP04118

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 Parkinson's disease-related double mutant (A30P/A53T) of alpha-synuclein. 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: 14.5 kDa (140 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MDVFMKGLSKAKEGVVAAAEKTKQGVAEAPGKTKEGVLYVGSKTKEGVVHGVTTVAEKTKEQVTNVGGAVVTGV
TAVAQKTVEGAGSIAAATGFVKKDLGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEGYQDYEPEA

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.