

?-Synuclein, Human, Recombinant, E.coli

Cat.NO.: TP04123

3th Edition

Synonyms: SNCB beta-Synuclein, B-synuclein, Beta synuclein, beta synuclein, Phosphoneuroprotein 14, PNP14, Synuclein beta

Description: beta-synuclein (amino acids 1-134), an acidic neuronal protein of 134 amino acids, is extremely heat-resistant. beta-synuclein also has a chaperone-like activity. Recently, beta-synuclein has been suggested to inhibit

Form: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl, 1 mM MgCl₂

Molecular Weight: 14.2 kDa (134 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MDVFMKGLSMAKEGVVAAAETKQGVTEAAETKEGVLYVGSKTREGVVQGVASVAETKEQASHLGGAVFSGA
GNIAAATGLVKREEFPTDLKPEEVAQEAAEEPLIEPLMEPEGESYEDPPQEEYQEYEPEA

Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 µg 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.