

?-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,1mM MgCl₂

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

Sequences:

MDVFMKGLSMAKEGVVAAAETKQGVTEAAETKQGVLYVGSKTREGVVQGVASVAEKTKEQASHLGGAVFSGA
GNIAAATGLVKREEFPTDLKPEEVAQEAEEPLIEPLMEPEGESYEDPPQEEYQEYEPEA

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.