

SNCA, 1-140aa, Mouse, E.coli

Cat.NO.: TP03981

3th Edition

Synonyms: Snca, Syn, alpha-Synuclein, NACP, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor

Description: Alpha-Synuclein, also known as SNCA, an acidic neuronal protein of 140 amino acids, is extremely heat-resistant and is natively unfolded with an extended structure primarily composed of random coils. alpha-Synuclein has been suggested to be implicated in the pathogenesis of Parkinson. Recombinant mouse alpha-Synuclein, was expressed in E.coli and purified by using conventional chromatography techniques

Form: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing, 10% glycerol

Molecular Weight: 14.4 kDa (140aa), confirmed by MALDI-TOF

Sequences:

MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAAGKTKEGVLYVGSKTKEGVVHGVTVAEKTKEQVTNVGGAVVTGV
TAVAQKTVEGAGNIAAATGFVKDQMGKGEEGYQPQEGILEDMPVDPGSEAYEMPSEEGYQDYEPEA

Purity: > 95% by HPLC

Concentration: 1mg/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.