

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

-Synuclein, Human, Recombinant, E.coli

产品货号: TP04122

第三版

**别名:** 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

**描述:** alpha-Synuclein (amino acids 1-140), 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's disease and related neurodegenerative disorders, and more recently, to be an important regulatory component of vesicular transport in neuronal cells. Moreover, recent studies have shown that alpha-synuclein has chaperone activity and that this activity is lost upon removing its C-terminal acidic tail (amino acids 96-140).

**配方:** In 20 mM Tris-HCl buffer (pH 7.5) containing 0.1 M NaCl, 1mM MgCl<sub>2</sub>

**分子量:** 14.4 kDa (140 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

**序列:**

MDVFMKGLSKAKEGVVAAAEEKTKQGVAAEAGKTKEGVLYVGSKTKEGVVHGVATVAEKTKEQVTNVGGAVVTGVT  
AVAQKTVEGAGSIAAATGFVKKDQLGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEGYQDYEPEA

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by BCA assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.