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-Synuclein, Human, Recombinant, E.coli - Lyophilized

产品货号: TP04125

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:** Lyophilized from a 0.2 um filtered in 20 mM Tris-HCl buffer, (pH 7.5) ,100 mM 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:** Reconstitute in sterile distilled water at a concentration of 1mg/ml or less.

**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.