

Product information

α -Synuclein A53T, 1-140 aa

Human, Recombinant, *E.coli*

Cat. No. IBSNA2002

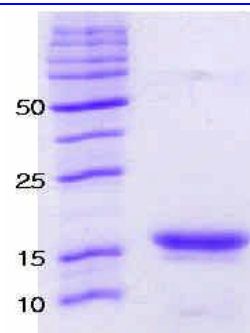
Description: A Parkinson's disease-related point mutant (A53T) of α -synuclein. A53T mutant of α -synuclein was overexpressed in *E. coli* and the recombinant protein was purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl

Molecular Weight: 14.4 kDa (140 aa), confirmed by MALDI-TOF
(molecular size on SDS-PAGE will appear higher)

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MDVFMKGLSK AKEGVVAAA E KTKQGVAEEA GKTKEGVLYV GSKTKEGVVH GVTTVAEKT E EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA
ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

General references:

Polymeropoulos MH., *et al.* (1997) *Science*. 276, 2045-7.

Park, SM. *et al.* (2002) *Blood*. 100(7),2506-2514

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.