

Product information

α -Synuclein A30P/A53T, 1-140 aa

Human, Recombinant, *E.coli*

Cat. No. IBSNA2004

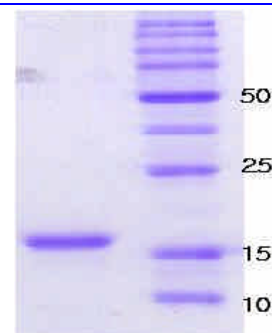
Description: A Parkinson's disease-related double mutant (A30P/A53T) of α -synuclein. The recombinant protein was purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.

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

Molecular Weight: 14.5 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 AKEGVVAAAE KTKQGVAEAP GKTKEGVLYV GSKTKEGVVH GVTTVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA
ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

General references:

Kruger R., *et al.* (1998) *Nat Genet.* 18, 106-108.

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.