

Product information

α -Synuclein, 1-112 aa

Human, Recombinant, *E.coli*

Cat. No. IBSNA2005

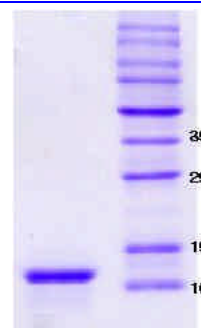
Description: An alternatively spliced(103-129) form of α -synuclein. α -synuclein112 was cloned into an *E. coli* expression vector by RT-PCR. The recombinant protein was purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.

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

Molecular Weight: 11.3 kDa (112 aa) , confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MDVFMKGLSK AKEGVVAAAE KTKQGVAEEA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA
ATGFVKKQDL GKEGYQDYEP EA

General references:

Ueda K., *et al.* (1994) *Biochem. Biophys. Res. Commun.* 205(2):1366-72.

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.