

DATA SHEET

Product Name: Beta-Synuclein

Catalog #: S-1003

Source: Recombinant. A DNA sequence encoding the human beta-synuclein sequence was expressed in E. coli

Molecular Mass: 14,288 Da theoretical

Protein Purity: >95% by SDS-PAGE and Mass Spec.

Counter Ion: 20mM Tris-HCl, 100mM NaCl pH 7.4

Supplied As: White lyophilized powder

Resuspension: Resuspend in water at conc. of .1-1 mg/ml. Recommended to briefly centrifuge to ensure full resuspension of product.

Storage: -20°C

Description: Beta-Synuclein (β -synuclein, 134 amino acids) co-localizes with α -synuclein in some brain regions but unlike α -synuclein it is not found in Lewy bodies of Parkinson's disease. It has been shown to inhibit the self-aggregation of α -synuclein¹.

References:
1. Hashimoto, M., et al., (2001) Neuron, 32: 213
2. Jakes, R., et al., (1994) FEBS Letters, 345: 27

For research use only. Not for use in humans.