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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
Protein Purity:	>95% by SDS-PAGE and Mass Spec.
Counter Ion:	Lyophilized in final buffer of 10 mM Tris/HCl, pH 7.4
Supplied As:	White lyophilized powder
Resuspension:	Resuspend in water at conc. of 1 mg/ml. This will give you a final of 10 mM Tris-HCl, pH 7.4
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 -synuclein ¹ .
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.

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