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32-4879: Recombinant Human Alpha-Synuclein 1-60

Alternative Name :	Alpha-synuclein,Non-A beta component of AD amyloid,Non-A4 component of amyloid precursor,NACP,PARK1,PARK4,MGC110988,a-Synuclein,SNCA.

Description

Source : Escherichia Coli. A-Synuclein 1-60 Human Recombinant which is a deletion mutant of the a-synuclein amino acids 1-60 and contains the N-terminal amphipathic domain, produced in E.Coli is a single, non-glycosylated polypeptide chain of 60 amino acids having a molecular mass of 6.1kDa. The Recombinant Human a-Synuclein 1-60 is purified by proprietary chromatographic techniques. a-Synuclein (amino acids 1-140), an acidic neuronal protein of 140 amino acids, is extremely heat-resistant and is natively unfolded with an extended structure primarily composed of random coils. a-synuclein has been suggested to be implicated in the pathogenesis of Parkinson's disease and related neurodegenerative disorders, and more recently, to be an important regulatory component of vesicular transport in neuronal cells. Moreover, recent studies have shown that a-synuclein has chaperone activity and that this activity is lost upon removing its C-terminal acidic tail (amino acids 96-140).

Product Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The SNCA 1-60 protein solution (1mg/ml) contains 20mM Tris-HCl buffer pH 7.5 and 100mM NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTK.

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