



"Your R&D Partner"

DATA SHEET

Product Name:	Alpha-Synuclein, A30P, A53T
Catalog #:	S-1006
Source:	Recombinant. A DNA sequence encoding the human alpha-synuclein, A30P and A53T mutant sequences, was expressed in E. coli.
Molecular Mass:	14,516
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:	A double mutant (A30P/A53T) of alpha-synuclein gene that has been linked to autosomal dominant early onset Parkinson's Disease (PD). Alpha-Synuclein (α -Synuclein) is a 14 kD (140 amino acids) acidic presynaptic protein. It is a major component of PD aggregates and is implicated in the pathogenesis of PD and related neurodegenerative disorders.
References:	1) Lashuel, H.A., et. al., (2002), J Mol Biol. 322 : 1089 2) Park, S.M., et. al., (2002) Blood, 100 : 2506 3) Polymeropoulos, M.H., et. al., (1997), Science, 276 : 2045

For research use only. Not for use in humans.

www.rpeptide.com

4241 Mars Hill Road • Bogart • Georgia • 30622 • USA
Tel 678-753-0747 • Fax 678-753-0746 • E-mail info@rpeptide.com