

## Alpha Synuclein A53T Human Recombinant

<b>Item Number</b>	rAP-4915
<b>Synonyms</b>	Alpha-synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, NACP, PD1, PARK1, PARK4, MGC110988, a-Synuclein, SNCA.
<b>Description</b>	A-Synuclein A53T Human Recombinant which is a Parkinson's disease-related point mutant, produced in E.Coli is a single, non-glycosylated polypeptide chain of 140 amino acids having a molecular mass of 14.4kDa (molecular size on SDS-PAGE will appear higher). The Recombinant Human a-Synuclein
<b>Uniprot Accession Number</b>	P37840
<b>Amino Acid Sequence</b>	MDVFMKGLSK AKEGVVAAA E KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVTTVAEKTK EQVTNVTGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	The protein (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5) and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**