

Datasheet

Product Name:	Alpha-Synuclein, Mouse, Desalted
Catalog #:	S-1020
Source:	Recombinant. A DNA sequence encoding the mouse Alpha-Synuclein, was expressed in E. coli.
Molecular Mass:	14.49kDa
Protein Purity:	>95% by SDS-PAGE and Mass Spec.
Counter Ion/Buffer:	Lyophilized in final buffer of 20 mM Tris/HCl pH 7.4
Supplied As:	White lyophilized powder
Resuspension:	Resuspend in water at conc. of .1-1 mg/ml. A brief centrifugation and sonication step is recommended to fully reconstitute the product.
Storage:	-20°C
Description:	Alpha-Synuclein 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. Mouse alpha-Synuclein has a 95% homologous sequence to Human Alpha-Synuclein. Alpha Synuclein fibrils are prevalent in Lewy bodies, a physiological symptom of Parkinson's disease. While our catalog product S-1010 is offered in a final buffer containing salt, this product is desalted. After receiving feedback from customers with experiments that can receive interference from salt, we have made this new product in an effort to better fulfill the needs of customers with similar experimental constraints.
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

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