

DATA SHEET

Product Name:	Alpha-Synuclein S9C
Catalog #:	S-1017
Source:	Recombinant. A DNA sequence encoding the human alpha synuclein mutant S9C, was expressed in E. coli.
Molecular Mass:	14.48kDa
Protein Purity:	>95% by SDS-PAGE and Mass Spec.
Counter Ion:	Lyophilized in final buffer of 20mM Tris-HCl, 1mM EDTA, 1mM DTT pH 8.0
Supplied As:	White lyophilized powder
Resuspension:	Resuspend in water at conc. of .1-1 mg/ml and briefly centrifuge sample to fully suspend the lyophilized pellet.
Storage:	-20°C
Description:	This human alpha synuclein contain a mutation at S9C that can be used for thiol coupling or thiol modification. The S9C mutant is compatible with haloalkyl derivatives, maleimides, and sulfonates. Possible applications include fluorescence labeling ¹ , spin labeling for EPR ² , or PRE experiments ³ .

References:	1) 1. Daniels, M.J., Nourse, J.B., Kim, H. et al. Sci Rep 9, 2937 (2019). 2) 2. Drescher M, Godschalk F, Veldhuis G. et al. Chembiochem. 2008 Oct 13;9(15):2411-6. 3) 3. Rospigliosi CC, McClendon S, Schmid AW, et al. J Mol Biol. 2009;388(5):1022-1032.
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