

SIL-SYUA protein standard – Lys ¹³ C ¹⁵ N labelling	
Human alpha-Synuclein (Uniprot accession number P37840)	
Product Description	Recombinant human SYUA was expressed in <i>E. coli</i> without purification tag and purified using proprietary method.
Protein sequence	MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAAGKTKEGVLYVGSKTKEGVVHGVATVA EKTKEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFVKKDQLGKNEEGAPQEGILE DMPVDPDNEAYEMPSEEGYQDYEPEA
Predicted Molecular Mass	14.5 kDa
Expression system	<i>E. coli</i>
Purity	Greater than 95% as determined by SDS-PAGE analysis
Labelling	LYS- ¹³ C ₆ , ¹⁵ N ₄ >99% as determined by LC-MS/MS analysis of trypsin digested SIL-protein
Tag information	No Tag
Protein Content	Quantitation is carried out by BCA protein assay using BSA as standard.
Formulation	Lyophilized from 50 mM Tris, 100 mM NaCl, pH8.0 buffer. Centrifuge the vial prior to opening. Reconstitute by adding ultrapure water.
Shipping and storage	The product is supplied as a lyophilized powder and shipped at room temperature. Store at -80°C upon receipt. After reconstitution, protein can be kept at 4°C for a few weeks.
Usage	The product is for research use only. Not for diagnostic or therapeutic use.

