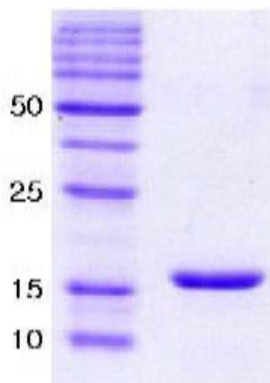


SNCA

Recombinant Human Alpha Synuclein (E46K)

Catalog No.	CSI15600A CSI15600B	Quantity:	100 µg 500 µg
Alternate Names:	MGC110988, NACP, PARK1, PARK4, PD1, , alpha synuclein, alpha-synuclein, alpha-synuclein, isoform NACP140, non A-beta component of AD amyloid, non A4 component of amyloid		
Description:	Alpha-Synuclein E46K is a mutant form of alpha-synuclein which is changed at position 46 from glutamate (E) to lysine (K). Recent studies have shown that this mutant (E46K) of alpha-synuclein causes Parkinson and Lewy Body dementia (DLB). Alpha-Synuclein E46K was overexpressed in <i>E. coli</i> and purified to apparent homogeneity by using conventional column chromatography techniques.		
Concentration:	1 mg/ml (determined by BCA assay)		
Gene ID:	6622		
Protein Accession No:	NP_000336.1		
Source:	<i>E. coli</i>		
Molecular Weight:	14.4 (140 aa) , confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher)		
Formulation:	Liquid in 20 mM Tris-HCl buffer pH 7.5 containing 100 mM NaCl		
Purity:	> 95% by SDS - PAGE		
Amino Acid Sequence:	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKKGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPAA		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		

15% SDS-PAGE (3ug)



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com