

# Product Datasheet

## Recombinant Human alpha-Synuclein Active, Monomer, (Type 1), A53T Mutant Protein NBP3-14766-100ug

Unit Size: 100 ug

Store at -80C. Avoid freeze-thaw cycles.

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**NBP3-14766-100ug**

Recombinant Human alpha-Synuclein Active, Monomer, (Type 1), A53T Mutant Protein

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	PBS pH 7.4
Product Description	
Description	<p>A full length recombinant protein of Human alpha-Synuclein</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P37840</p> <p><b>Amino Acid Sequence:</b> MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVTTVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA</p>
Gene ID	6622
Gene Symbol	SNCA
Species	Human
Preparation Method	Ion-exchange Purified
Details of Functionality	100 uM A53T alpha-Synuclein protein monomer seeded with 10 uM A53T alpha-Synuclein protein pre-formed fibrils in 25 uM Thioflavin T (PBS pH 7.4, 100 ul reaction volume) generated a fluorescence intensity of 28 000 RFU after incubation at 37C with shaking at 600 rpm for 56 hours. Fluorescence measured by excitation at 450 nm and emission at 485 nm on a microplate reader.
Notes	Please note that the 200ug and 500ug sizes are sent in 2x100ug and 5x100ug vials, respectively
Product Application Details	
Applications	Western Blot, In vitro assay, In vivo assay, SDS-Page
Recommended Dilutions	Western Blot, In vitro assay, In vivo assay, SDS-Page





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### **Products Related to NBP3-14766-100ug**

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NBP2-54789-100ug	Recombinant Human alpha-Synuclein Active, Pre-formed Fibrils, (Type 1) Protein
BC100-494	PINK1 Antibody - BSA Free
NBP2-15365	alpha-Synuclein Antibody
NB300-109	Tyrosine Hydroxylase Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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