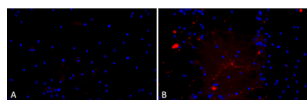


# Human A53T Mutant Alpha Synuclein Protein Preformed Fibrils (Type 1) Protein (Active)

Catalogue No.: abx675056



Primary rat hippocampal neurons show lewy body inclusion formation when treated with A53T mutant Alpha Synuclein Protein Preformed Fibrils (B) but not when treated with a media control (A). Tissue: Primary hippocampal neurons. Species: Sprague-Dawley rat. Primary Antibody: Rabbit anti-pSer129 Antibody. Fibrils were diluted to 1 ug/uL in neuronal media consisting of B27, Glutamax, penicillin/strep, and neurobasalA and sonicated for 1 hour in a water bath. The sonicated stock was then used to achieve the final concentration of 1 ug/mL in the wells.

Human A53T Mutant Alpha Synuclein Protein Preformed Fibrils (Type 1) Protein (Active) is a recombinant Human protein expressed in *E. coli*.

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| <b>Target:</b>                   | A53T Mutant Alpha Synuclein Protein Preformed Fibrils (Type 1) |
| <b>Origin:</b>                   | Human                                                          |
| <b>Expression:</b>               | Recombinant                                                    |
| <b>Tested Applications:</b>      | WB, SDS-PAGE                                                   |
| <b>Host:</b>                     | <i>E. coli</i>                                                 |
| <b>Purity:</b>                   | > 95%                                                          |
| <b>Purification:</b>             | Ion-exchange Purified                                          |
| <b>Storage:</b>                  | Store at -80°C.                                                |
| <b>UniProt Primary AC:</b>       | P37840 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )    |
| <b>GeneID:</b>                   | <a href="#">6622</a>                                           |
| <b>NCBI Accession:</b>           | NP_000336.1                                                    |
| <b>Enzyme Commission Number:</b> | 14.46 kDa                                                      |
| <b>Molecular Weight:</b>         | 14.46 kDa                                                      |
| <b>Sequence Fragment:</b>        | Full Length                                                    |

# Datasheet

Version: 4.0.0

Revision date: 17 Apr 2025



**Sequence:** MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH  
GVTTVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL  
GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA

**Buffer:** PBS pH 7.4.

**Activity:** Active

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,  
THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL  
CONSUMPTION.

This product is shipped with dry ice.

For Reference Only