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## Product Datasheet

### Alpha Synuclein A53T Mutant Pre-formed Fibrils BYT-ORB1822360

|                          |                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Alpha Synuclein A53T Mutant Pre-formed Fibrils                                                                                                                    |
| Artikelnummer            | BYT-ORB1822360                                                                                                                                                    |
| Hersteller Artikelnummer | orb1822360                                                                                                                                                        |
| Alternativnummer         | BYT-ORB1822360-100                                                                                                                                                |
| Hersteller               | Biorbyt                                                                                                                                                           |
| Kategorie                | Proteine/Peptide                                                                                                                                                  |
| Applikation              | In vitro, In vivo, SDS-PAGE, WB                                                                                                                                   |
| Spezies Reaktivität      | Human                                                                                                                                                             |
| Produktbeschreibung      | Human Recombinant Alpha Synuclein A53T Mutant PFFs (Type 1)...                                                                                                    |
| Konzentration            | 2 mg/ml                                                                                                                                                           |
| Molekulargewicht         | ~14.46 kDa                                                                                                                                                        |
| UniProt                  | <a href="#">P37840</a>                                                                                                                                            |
| Puffer                   | PBS pH 7.4                                                                                                                                                        |
| Quelle                   | Human                                                                                                                                                             |
| Reinheit                 | >95%                                                                                                                                                              |
| Sequenz                  | MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV<br>GSKTKEGVVH GVTTVAEKT EQVTNVGGAV VTGVTAVAQK<br>TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE<br>EGYQDYEPEA |

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| Target-Kategorie       | Alpha Synuclein A53T PFFs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung | <p>Biological Origin: Human. Biological Activity: 100 µM A53T alpha synuclein protein monomer seeded with 10 uM A53T alpha synuclein protein PFF in 25 µM Thioflavin T (PBS pH 7.4, 100 µl reaction volume) generated a fluorescence intensity of 28 000 Relative Fluorescence Units after incubation at 37C with shaking at 600 rpm for 56 hours. Fluorescence was measured by excitation at 450 nm and emission at 485 nm on a Molecular Devices Gemini XPS microplate reader. Application Notes: Certified &gt;95% pure using SDS-PAGE analysis. Low endotoxin &lt;5 EU/mL 2mg/mL</p> |