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## Product Datasheet

### Alpha Synuclein Monomers BYT-ORB1822363

|                            |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Alpha Synuclein Monomers                                                                                                                                          |
| Biozol Catalog Number      | BYT-ORB1822363                                                                                                                                                    |
| Supplier Catalog Number    | orb1822363                                                                                                                                                        |
| Alternative Catalog Number | BYT-ORB1822363-100                                                                                                                                                |
| Manufacturer               | Biorbyt                                                                                                                                                           |
| Category                   | Proteine/Peptide                                                                                                                                                  |
| Application                | In vitro, In vivo, SDS-PAGE, WB                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                             |
| Product Description        | Human Recombinant Alpha Synuclein Monomers (Type 1)...                                                                                                            |
| Concentration              | 2 mg/ml or 5 mg/ml                                                                                                                                                |
| Molecular Weight           | ~14.46 kDa                                                                                                                                                        |
| UniProt                    | <a href="#">P37840</a>                                                                                                                                            |
| Buffer                     | PBS pH 7.4                                                                                                                                                        |
| Source                     | Human                                                                                                                                                             |
| Purity                     | >95%                                                                                                                                                              |
| Sequence                   | MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV<br>GSKTKEGVVH GVATVAEKT EQVTNVGGAV VTGVTAVAQK<br>TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE<br>EGYQDYEPEA |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target            | Alpha Synuclein Monomers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes | Biological Origin: Human. Biological Activity: 100 µM alpha synuclein protein monomer seeded with 10 uM alpha synuclein PFFs in 25 µM Thioflavin T (PBS pH 7.4, 100 µl reaction volume) generated a fluorescence intensity of 13,000 Relative Fluorescence Units after incubation at 37C with shaking at 600 rpm. Fluorescence was measured by excitation at 450 nm and emission at 485 nm on a Molecular Devices Gemini XPS microplate reader. Application Notes: Certified >95% pure using SDS-PAGE analysis. Low endotoxin <5 EU/mL 2mg/mL |