

## Alpha-Synuclein Mouse Recombinant

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| <b>Item Number</b>                       | rAP-4925   |
| <b>Synonyms</b>                          | Alpha-synuclein, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, NACP, PD1, PARK1, PARK4, MGC110988, $\alpha$ -Synuclein, SNCA, Syn, SNCA.  |
| <b>Description</b>                       | SNCA Recombinant Mouse produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-140 a.a.) and having a molecular mass of 14.4 kDa. The SNCA is purified by proprietary chromatographic techniques.   |
| <b>Uniprot Accesion Number</b>           | O55042   |
| <b>Amino Acid Sequence</b>               | MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVTTVAEKTK<br>EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKDQM GKGEEGYPQE GILEDMPVDP<br>GSEAYEMPSE EGYQDYEPEA.   |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.<br>Store, frozen at -20°C for longer periods of time.<br>For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid multiple freeze-thaw cycles. |
| <b>Formulation and Purity</b>            | The SNCA protein contains 20mM Tris-HCl buffer (pH 7.5) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Application</b>                       |  |
| <b>Solubility</b>                        |  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**