



# Recombinant Human Alpha-synuclein (pSer129) protein (DAG-WT1176)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Phospho-S129 Alpha Synuclein semi-synthetic phosphomimetic protein generated by native chemical ligation of a recombinant protein produced from E. coli and a synthetic peptide |
| <b>Purity</b>           | > 95% as determined by SDS-PAGE                                                                                                                                                 |
| <b>Conjugate</b>        | Unconjugated                                                                                                                                                                    |
| <b>Applications</b>     | Immunoassays                                                                                                                                                                    |
| <b>Molecular Weight</b> | 14.5 kDa                                                                                                                                                                        |
| <b>Format</b>           | Lyophilized                                                                                                                                                                     |
| <b>Size</b>             | 1 mg                                                                                                                                                                            |
| <b>Preservative</b>     | None                                                                                                                                                                            |
| <b>Storage</b>          | Store at -20°C to -80°C                                                                                                                                                         |
| <b>Ship</b>             | Wet ice                                                                                                                                                                         |

## BACKGROUND

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Introduction</b> | Alpha-synuclein is a protein that, in humans, is encoded by the SNCA gene. Alpha-synuclein is a neuronal protein that regulates synaptic vesicle trafficking and subsequent neurotransmitter release. |
| <b>Keywords</b>     | Alpha-synuclein; SNCA; alpha SYN                                                                                                                                                                      |