

PRODUCT INFORMATION

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| Target | SNCA |
| Synonyms | NACP, PARK1, PARK4 |
| Description | Recombinant human SNCA Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P37840 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | SNCA(Met1-Ala140) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 40.6 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2016] |
| Usage | Research use only |
| Conjugate | Unconjugated |



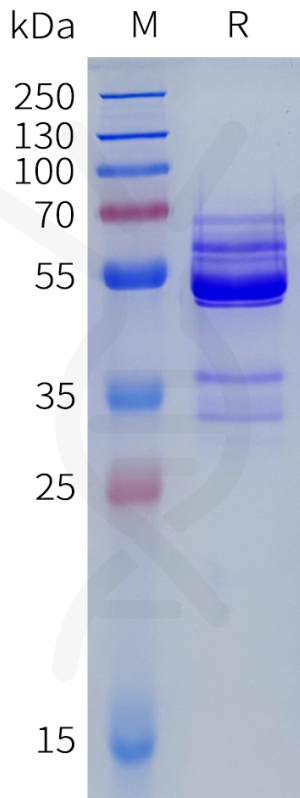


Figure 1. Human SNCA Protein, hFc Tag on SDS-PAGE under reducing condition.

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