

# Human SNCA/alpha-Synuclein recombinant protein



Catalog Number: 502295

## General Information

### Gene Name Synonym

Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor

### Protein Construction

A DNA sequence encoding the mature form of human SNCA isoform 1 (P37840-1) (Met 1-Ala 140) was expressed and purified.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met 1

### Molecular Mass

The recombinant human SNCA consisting of 140

amino acids and has a calculated molecular mass of 14.5 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

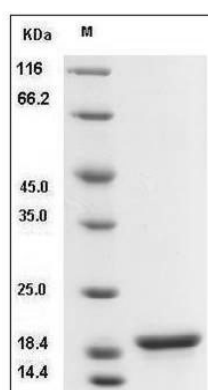
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human SNCA / alpha-Synuclein Protein SDS-PAGE