

RP00794

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Recombinant Human Alpha-synuclein/SNCA (H50Q) Protein

Catalog No.: RP00794 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	6622	P37840-1

Tags

NO-tag

Synonyms

SNCA; NACP; PARK1; Alpha-synuclein

Background

Alpha-Synuclein (alpha-Syn), also known as NACP or SNCA, exists as at least two structural isoforms: one is helix-rich, membrane-bound form that both the N- and C-terminal regions of alpha-synuclein are tightly associated with membranes and the other is disordered, cytosolic form. Synuclein is found predominantly in the presynaptic termini, in both free or membrane-bound forms. SNCA is extensively localized in nucleus of neurons. It has been shown that alpha-Synuclein was highly expressed in the mitochondria in olfactory bulb, hippocampus, striatum, and thalamus, where the cytosolic alpha-Synuclein was also rich.

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 90% as determined by reducing SDS-PAGE.

Endotoxin

< 0.01 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).

Reconstitution

Centrifuge the vial before opening.

Basic Information

Description

Recombinant Human Alpha-synuclein/SNCA (H50Q) Protein is produced by *E. coli* Cells system. The target protein is expressed with sequence (Met1-Ala140) of Human Alpha-synuclein/SNCA (H50Q) fused with No tag.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

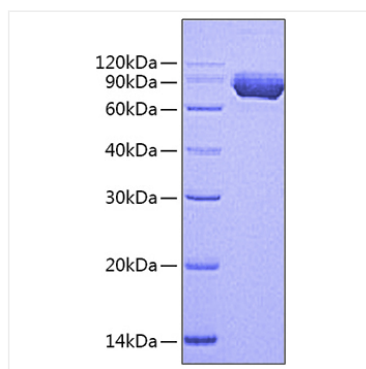
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Contact



www.abclonal.com

Validation Data



Recombinant Human Alpha-synuclein/SNCA (H50Q) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.