Recombinant Mouse Alpha-Synuclein/SNCA Protein

Catalog No.: RP00700

Sequence Information

Species
Mouse

Gene ID
20617

Swiss Prot
O55042-1

Tags
No tag

Synonyms
Alpha-synuclein; Non-A beta component of AD amyloid; Non-A4 component of amyloidprecursor; NACP; Snca

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
14.49 kDa

Observed MW
16-20 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Alpha-Synuclein (SNCA) is a member of the Synuclein family. SNCA is expressed principally in brain but alsoexpressed in low concentrations in all tissues except liver. SNCA interacts with UCHL1, Phospholipase D andhistones. SNCA can include beta- and gamma-synuclein. In addition, SNCA is an important regulatorycomponent of vesicular transport in neuronal cells. It has been suggested that SNCA is related to thepathogenesis of Parkinson's Disease and neurodegenerative disorders. Defects in SNCA will lead to DementiaLewy Body (DLB).

Basic Information

Description
Recombinant Mouse Alpha-Synuclein/SNCA Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ala140) of mouse SNCA/Alpha-Synuclein (Accession #O55042).

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.

Storage
Store at -20℃

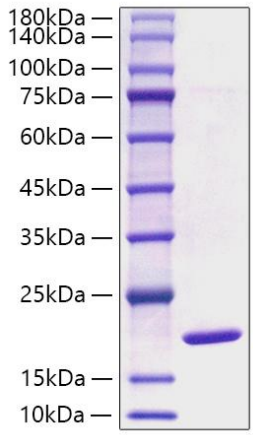
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Mouse Alpha-Synuclein/SNCA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.