

RP00610

Leader in Biomolecular Solutions for Life Science



Recombinant Human α -Synuclein Protein

Catalog No.: RP00610 **Recombinant**

Sequence Information

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

Tags

N-His

Synonyms

PD1;NACP;PARK1;PARK4;SNCA

Product Information

Source	Purification
<i>E. coli</i>	$\geq 95\%$ as determined by SDS-PAGE.

Endotoxin

< 1 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

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

Basic Information

Description

Recombinant Human Alpha-synuclein/SNCA Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ala140) of human SNCA/Alpha-synuclein (Accession #P37840).

Bio-Activity

Shipping

The product is shipped at ambient temperature. 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 . Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at $2-8^{\circ}\text{C}$ for up to 1 week. Avoid repeated freeze/thaw cycles.

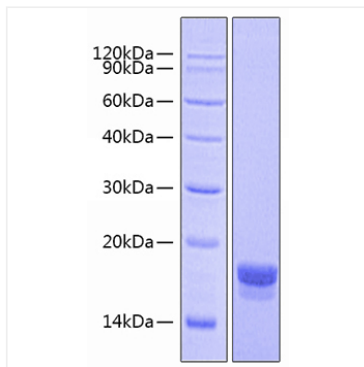
Contact



www.abclonal.com

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

Validation Data



Recombinant Human α -Synuclein Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.