

Recombinant Human SNCA Protein

Cat. No. SNCA-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNCA Protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	Alpha-Synuclein (SNCA) is a member of the Synuclein family. SNCA is located predominantly in brain and is highly expressed in the mitochondria in olfactory bulb, hippocampus, striatum, and thalamus. SNCA is an important regulatory component of vesicular transport in neuronal cells. It has been predicted that SNCA is related to the pathogenesis of Parkinson's Disease and neurodegenerative disorders. SNCA abnormality and mitochondrial deficiency are two major changes in the brain of patients with Parkinson's disease (PD). Defects in SNCA will lead to Dementia Lewy Body.
Form	Lyophilized from a 0.2 um filtered solution of ultrapure water.
AA Sequence	Met1-Ala140
Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Shipping	Ambient

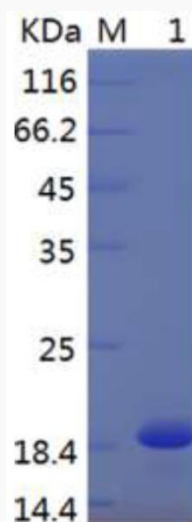
GENE INFORMATION

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Gene Name	SNCA synuclein alpha [Homo sapiens (human)]
Official Symbol	SNCA
Synonyms	PD1; NACP; PARK1; PARK4; Alpha-Synuclein; a-Synuclein; Non-A Beta Component of AD Amyloid; Non-A4 Component of AmyloidPrecursor
Gene ID	6622
mRNA Refseq	NM_000345.4
Protein Refseq	NP_000336.1
MIM	163890
UniProt ID	P37840

SDS-PAGE


M: Marker; Sample in reducing conditions.

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