

Recombinant Human SNCA Protein

Cat. No. SNCA-112H **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 is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.
Form	Supplied as a 0.2 µm filtered solution in PBS, pH8.0.
Molecular Mass	~14.4 kDa
AA Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEP EA
Purity	>90%

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Storage

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

Concentration

1.1 mg/ml

GENE INFORMATION**Gene Name**

SNCA synuclein alpha [Homo sapiens (human)]

Official Symbol

SNCA

Synonyms

PD1; NACP; PARK1; PARK4

Gene ID

6622

mRNA Refseq

NM_000345

Protein Refseq

NP_000336

MIM

163890

UniProt ID

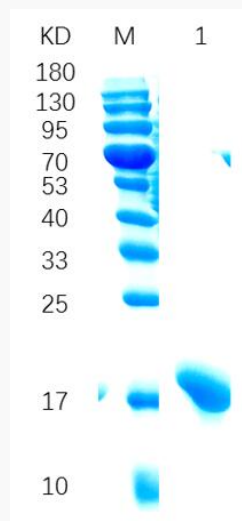
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SDS-PAGE



12% reducing SDS-PAGE analysis of purified SNCA (approximately 5 mg protein loaded).