

Active Recombinant Human SNCA protein, Fc-tagged

Cat. No. SNCA-2874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNCA protein(Met 1-Ala 140), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1-Ala 140
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Alpha-Synuclein, Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-Synucelin alpha/beta Monoclonal Antibody with a linear range of 0.031-1 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 40.9 kDa. The protein migrates as 47-52 kDa and 53-56 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [SNCA synuclein, alpha \(non A4 component of amyloid precursor\) \[Homo sapiens \]](#)

Official Symbol [SNCA](#)

Synonyms

SNCA; synuclein, alpha (non A4 component of amyloid precursor); PARK1, PARK4, Parkinson disease (autosomal dominant, Lewy body) 4; alpha-synuclein; alpha synuclein; NACP; PD1; synuclein alpha-140; non A-beta component of AD amyloid; PARK1; PARK4; MGC110988;

Gene ID [6622](#)

mRNA Refseq [NM_000345](#)

Protein Refseq [NP_000336](#)

MIM [163890](#)

UniProt ID [P37840](#)

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