

Alpha-Synuclein Recombinant Protein | SNCA recombinant protein

Recombinant Human Alpha-Synuclein

CATALOG #
AAA38471

HOST
E Coli

PRODUCT SYNONYMS

Alpha-Synuclein; Recombinant Human Alpha-Synuclein; SNCA Human; Alpha Synuclein Human Recombinant; Alpha-synuclein; Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; NACP; PD1; PARK1; PARK4; MGC110988; a-Synuclein; SNCA; SNCA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.1M NaCl and 1mM MgCl2. Sterile filtered colorless solution.
Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVATVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKQDL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPEA
Sequence Length	140
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SNCA recombinant protein	Description: a-Synuclein Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain of 140 amino acids having a molecular mass of 14.4kDa(Real molecular weight on SDS-PAGE will be shift up). The Recombinant Human a-Synuclein is purified by proprietary chromatographic techniques. Introduction: a-Synuclein (amino acids 1-140), an acidic neuronal protein of 140 amino acids, is extremely heat-resistant and is natively unfolded with an extended structure primarily composed of random coils. a-synuclein has been suggested to be implicated in the pathogenesis of Parkinson's disease and related neurodegenerative disorders, and more recently, to be an important regulatory component of vesicular transport in neuronal cells. Moreover, recent studies have shown that a-synuclein has chaperone activity and that this activity is lost upon removing its C-terminal acidic tail (amino acids 96-140).
Product Categories/Family for SNCA recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Synuclein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345.3
UniProt Accession #	P37840 ; Q13701 ; Q4JHI3 ; Q6IAU6 ; A8K2A4
Molecular Weight	13,109 Da

NCBI Official Full Name	alpha-synuclein isoform NACP140
NCBI Official Synonym Full Names	synuclein, alpha (non A4 component of amyloid precursor)
NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein; non A-beta component of AD amyloid; synuclein alpha-140
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	SNCA
UniProt Synonym Gene Names	NACP; PARK1; NACP
UniProt Entry Name	SYUA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/snca-recombinant-protein-e-coli/38471>