Alpha-Synuclein (SNCA) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-synuclein (SNCA), Recombinant Protein
Full Product Name	Recombinant Human Alpha-synuclein (SNCA)
Product Gene Name	SNCA recombinant protein
Product Synonym Gene Name	NACP; PAPK1
Sequence	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVATVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGSIAA ATGFVKKDQL GKNEEGAPQE GILEDMPVDP DNEAYEMPSE EGYQDYEPE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Liquid containing glycerol
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	41.4 kDa
Sequence Positions	1-139aa, Partial
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	127750
3D Structure	ModBase 3D Structure for P37840
Product Categories/Family for SNCA recombinant protein	Neuroscience
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SNCA recombinant protein	May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.
Other Notes	Small volumes of SNCA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SNCA purchase	MBS7135973 is a recombinant protein targeting SNCA. Also known as Recombinant Human Alpha-synuclein (SNCA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNCA. It may not necessarily be applicable to this product.

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1

UniProt Primary Accession #	P37840
UniProt Secondary Accession #	Q13701; Q4JHI3; Q6IAU6; A8K2A4
UniProt Related Accession #	P37840
GenBank Nucleotide #	NM_000345.3
NCBI Official Full Name	alpha-synuclein isoform NACP140
NCBI Official Synonym Full Names	synuclein alpha
NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
UniProt Protein Name	Alpha-synuclein
UniProt Synonym Protein Names	Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; NACP
Protein Family	Alpha-synuclein
UniProt Gene Name	SNCA
UniProt Synonym Gene Names	NACP; PARK1; NACP
UniProt Entry Name	SYUA_HUMAN
NCBI Protein Information	alpha-synuclein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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