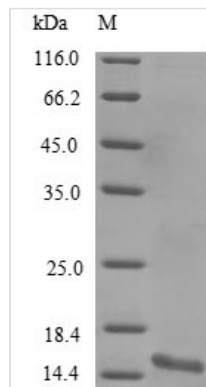




Recombinant Mouse Alpha-synuclein (Snca)

Product Code	CSB-EP021912MO
Relevance	May be involved in the regulation of dopamine release and transport.
Abbreviation	Recombinant Mouse Snca protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O55042
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MDVFMKGLSKAKEGVVAAAEKTKQGVAAEAGKTKEGVLYVGSKTKEGVVHG VTTVAEKTKEQVTNVGGAVVTGVTAVAQKTVEGAGNIAAATGFVKKDQMGKG EEGYPQEGILEDMPVDPGSEAYEMPSEEGYQDYEPEA
Research Area	Neuroscience
Source	E.coli
Protein Names	Non-A beta component of AD amyloidNon-A4 component of amyloid precursorShort name:NACPsyn
Expression Region	1-140aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	14.5 kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Our meticulously designed Recombinant Mouse Snca protein is tailored for



researchers working in the neuroscience field, particularly those investigating the role of alpha-synuclein in neurodegenerative disorders. Alpha-synuclein is a presynaptic protein implicated in synaptic plasticity and neurotransmitter release, as well as being a primary component of Lewy bodies in Parkinson's disease and other synucleinopathies.

Sourced from *E. coli*, our Mouse Snca protein encompasses the full length of the protein, covering amino acids 1-140. To ensure the most accurate representation of the native protein and avoid potential interference in your experimental setup, this recombinant protein is designed as tag-free.

Our Recombinant Mouse Snca protein boasts a purity greater than 85% as determined by SDS-PAGE, ensuring a high-quality product for your research needs. Available in both liquid and lyophilized powder forms, this protein offers flexibility and reliability for your investigations into the role of alpha-synuclein in neuronal function and disease.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.