

AR09556PU-N**Mouse Alpha-Synuclein / SNCA (1-140) - Purified****Alternate names:**

NACP, Non-A beta component of AD amyloid, Non-A4 component of amyloid precursor, PARK1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by BCA)

Background:

Alpha-Synuclein, also known as SNCA, 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. Alpha-Synuclein has been suggested to be implicated in the pathogenesis of Parkinson.

Uniprot ID:[O55042](#)**NCBI:**[NP_001035916](#)**GeneID:**[20617](#)**Species:**

Mouse

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 7.5) containing 10% glycerol**Description:**

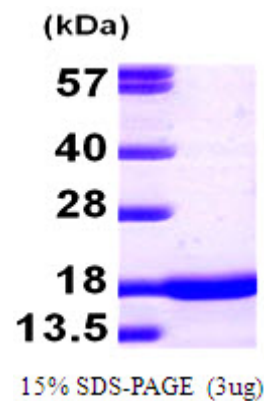
Recombinant mouse alpha-Synuclein was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:MDVFMKGLSK AKEGVVAAAE KTKQGVAAEA GKTKEGVLYV GSKTKEGVVH GVTTVAEKT
EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKDQM GKGEEGYPQE GILEDMPVDF
GSEAYEMPSE EGYQDYEPEA**Molecular weight:** 14.4 kDa (140aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Recombinant mouse SNCA, 1- 140 aa

