



# Recombinant Rat Alpha-synuclein (Snca)

<b>Product Code</b>	021912RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P37377
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVTTVAEKTQ EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKDQM GKGEEGY PQE GILEDMPVDP SSEAYEMPSE EGYQDYEPEA
<b>Source</b>	Yeast
<b>Gene Names</b>	Snca
<b>Protein Names</b>	Recommended name: Alpha-synuclein
<b>Expression Region</b>	1-140
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal His-tagged Tag-Free
<b>Protein Description</b>	Full length protein
<b>Target Details</b>	Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer s disease. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene.