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Datasheet for ABIN4371752
SNCA Protein (AA 1-140)

Overview

Quantity:	50 µg
Target:	SNCA
Protein Characteristics:	AA 1-140
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse α -Synuclein/SNCA
Sequence:	MDVFMKGLSK AKEGVVAAAE KTKQGVAEAA GKTKEGVLYV GSKTKEGVVH GVTTVAEKTK EQVTNVGGAV VTGVTAVAQK TVEGAGNIAA ATGFVKKDQM GKGEEGYPQE GILEDMPVDP GSEAYEMPSE EGYQDYEPEA
Characteristics:	Recombinant Mouse α -Synuclein/SNCA
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	SNCA
Alternative Name:	alpha-Synuclein (SNCA Products)

Target Details

Molecular Weight:	14.5 kDa
UniProt:	O55042
Pathways:	Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Platelet-derived growth Factor Receptor Signaling , Negative Regulation of Transporter Activity , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.