

Recombinant Mouse Sncg Protein, His-tagged

Cat. No. Sncg-230M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sncg(1-123aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-123aa
Description	Sncg, also known as gamma-Synuclein, is an acidic neuronal protein. It plays a role in neurofilament network integrity. This protein activates the MAPK and Elk-1 signal transduction pathway. According to some research, Sncg may play an important role in invasion, infiltration and apoptosis of esophageal cancer and serve as target spots in the targeted therapy of esophageal cancer.
Form	Liquid. In 20mM Tris-HCl(pH8.0) containing 0.1M NaCl
Molecular Mass	15.5 kDa (146aa) Confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMDVFKKG FSIKEGVVG AVEKTKQGVT EAAEKTKEGV MYVGTKTKEN VVQSVTSVAE KTKEQANAVS AVVSSVNTV ANKTVEEAEN IVVTTGVVRK EDLEPPAQDQ EAKEQEENEE AKSGED
Purity	> 95% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Absorbance at 280nm)

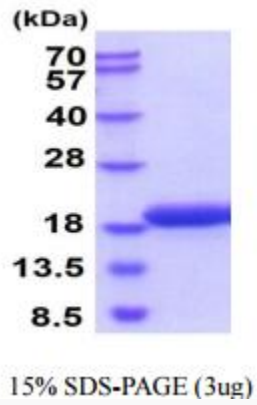
GENE INFORMATION

Gene Name	Sncg synuclein, gamma [Mus musculus]
Official Symbol	Sncg
Synonyms	SNCG; synuclein, gamma; gamma-synuclein; C79089; persyn;
Gene ID	20618
mRNA Refseq	NM_011430
Protein Refseq	NP_035560
UniProt ID	Q9Z0F7

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