Recombinant Rat Sncg protein, His & T7-tagged

Cat. No. Sncg-5646R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sncg aa. (Met1~Asp123 (Accession # Q63544)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Asp123
Description	May play a role in the neurofilament network.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

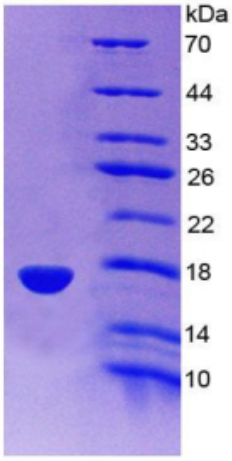
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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Sncg synuclein, gamma [Rattus norvegicus (Norway rat)]
Official Symbol	Sncg
Synonyms	Sncg; synuclein, gamma; gamma-synuclein; persyn; sensory neuron synuclein; synuclein, gamma (breast cancer-specific protein 1)
Gene ID	64347
mRNA Refseq	NM_031688.1
Protein Refseq	NP_113876.1
UniProt ID	Q63544

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SDS-PAGE	 15% SDS-PAGE

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