

Datasheet for ABIN7319226 SNCG Protein



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Overview

Quantity:	50 µg
Target:	SNCG
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human γ -Synuclein/SNCG Protein
Sequence:	Met 1-Asp127
Characteristics:	Recombinant Human Gamma-Synuclein is produced by our E.coli expression system and the target gene encoding Met1-Asp127 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SNCG
Alternative Name:	gamma-Synuclein/SNCG (SNCG Products)
Background:	Background: Gamma-Synuclein (SNCG) is a member of the Synuclein protein family. Gamma-Synuclein is mostly expressed in the peripheral nervous system and retina. Gamma-Synuclein plays a role in neurofilament network integrity and may be involved in modulating axonal architecture during development and in the adult. In addition, it may also function in modulating

Target Details

the keratin network in skin. SNCG expression in breast tumors has been as a marker for tumor progression. SNCG is also believed to be involved in the pathogenesis of neurodegenerative diseases.

Synonym: Gamma-Synuclein, Breast Cancer-Specific Gene 1 Protein, Persyn, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN

Molecular Weight: 13.6 kDa

UniProt: [O76070](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.