

Recombinant Human SNCG, His-tagged

Cat. No. SNCG-247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human SNCG was expressed in E. coli cells using an N-terminal His tag.
Species	Human
Source	E.coli
Description	SNCG or synuclein, gamma (breast cancer-specific protein 1) is a member of the synuclein family of proteins which are believed to be involved in the pathogenesis of neurodegenerative diseases. SNCG gene may also be overexpressed in ovarian cancers. The overexpression of SNCG may indicate breast cancer malignant progression from benign or in situ carcinoma. SNCG may also play a role in motor neurons dysfunction and cell death. Synuclein proteins play an important role in regulating neurotransmitter release from specific populations of midbrain dopamine neurons through mechanisms that differ from those reported in other neurons.
Form	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Molecular Mass	~17.5 kDa
Purity	>95% by densitometry
Applications	Western Blot

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.2 µg/µl
Full Length	Full L.
GENE INFORMATION	
Gene Name	SNCG synuclein, gamma (breast cancer-specific protein 1) [Homo sapiens]
Official Symbol	SNCG
Synonyms	SNCG; synuclein, gamma (breast cancer-specific protein 1); gamma-synuclein; BCSG1; persyn; SR; synoretin; breast cancer-specific gene 1 protein;
Gene ID	6623
mRNA Refseq	NM_003087
Protein Refseq	NP_003078
MIM	602998
UniProt ID	O76070
Chromosome Location	10q23.2-q23.3

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