

## Recombinant Human SNCG, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human SNCG was expressed in E. coli cells using an N-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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.</p>
<b>Form</b>	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
<b>Molecular Mass</b>	~17.5 kDa
<b>Purity</b>	>95% by densitometry
<b>Applications</b>	Western Blot

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<b>Storage</b>	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.
<b>Concentration</b>	0.2 µg/µl
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SNCG synuclein, gamma (breast cancer-specific protein 1) [ Homo sapiens ]
<b>Official Symbol</b>	SNCG
<b>Synonyms</b>	SNCG; synuclein, gamma (breast cancer-specific protein 1); gamma-synuclein; BCSG1; persyn; SR; synoretin; breast cancer-specific gene 1 protein;
<b>Gene ID</b>	6623
<b>mRNA Refseq</b>	NM_003087
<b>Protein Refseq</b>	NP_003078
<b>MIM</b>	602998
<b>UniProt ID</b>	O76070
<b>Chromosome Location</b>	10q23.2-q23.3

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