

Recombinant Human SNCG

Catalog No: CF67

Description	Recombinant Human Gamma-Synuclein is produced by our E.coli expression system and the target gene encoding Met1-Asp127 is expressed.
Source	E. coli
Alternative name	Gamma-Synuclein; Breast Cancer-Specific Gene 1 Protein; Persyn; Synoretin; SR; SNCG; BCSG1; PERSYN; PRSN
Accession No.	O76070
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Amino Acid Sequence	<p>GSHMDVFKKGFSIAKEGVVGAVEKTKQGVTEAAEKTKEGVMYVGAKTKENVVQSVTSVAEKTKEQAN</p> <p>AVSEAVVSSVNTVAT KTVEEAENIAVTSGVVRKEDLRPSAPQQEGEASKEKEEVAEEAQSGGD</p>
Background	<p>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 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.</p>

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