

SNCG

Recombinant Human Gamma-Synuclein

Catalog No.	CRS127A CRS127B	Quantity:	10 µg 50 µg
Alternate Names:	Gamma-synuclein, Breast cancer-specific gene 1 protein, Persyn, Synoretin (SR)		
Description:	Gamma-synuclein is a member of the Synuclein protein family, which is believed to be involved in the pathogenesis of neurodegenerative diseases. High levels of Gamma-synuclein have been found in advanced breast carcinomas suggesting a correlation between overexpression of SNCG and breast tumor development. SNCG is found mostly in the peripheral nervous system (in primary sensory neurons, sympathetic neurons, and motor neurons) and retina. SNCG is also identified in the brain, ovarian tumors, and in the olfactory epithelium. SNCG expression in breast tumors is a marker for tumor progression. A modification in the expression of gamma-synuclein has been detected in the retina of Alzheimer's patients.		
UniProt ID:	O76070		
Concentration:	1 mg/ml		
Source:	<i>E. coli</i>		
Molecular Weight:	13.3 kDa (127 aa)		
Formulation:	Sterile-filtered 20 mM Tris-HCl, 0.1 M NaCl, pH 7.5		
Purity:	> 95.0% as determined by SDS-PAGE.		
Amino Acid Sequence:	MDVFKKGFSI AKEGVVGAVE KTKQGVTEAA EKTKEGVMYV GAKTKENVVQ SVTSVAEKT EQANAVSEAV VSSVNTVATK TVEEAENIAV TSGVVRKEDL RPSAPQQEGV ASKEKEEVAE EAQSGGD		
Storage & Stability:	Store at 2-8°C for use within 2-4 weeks. Store at -20°C to -80°C for up to 1 year. It is recommended to add a carrier protein (0.1% BSA or HSA) and store in aliquots. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

