9051 Mira Mesa Blvd, #910094
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SNCG Human

Gamma-Synuclein Human Recombinant
RCP2156

Product Overview

Name	SNCG Human
Description	
Gamma-Synuclein Human Recombinant	
Accession (Primary)	O76070
Synonyms	
Gamma-synuclein, Persyn, Breast cancer-specific gene 1 protein, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN, g-Synuclein.	
Introduction	
g-synuclein(Originally known as a breast cancer specific gene product, BCSG1) is an acidic neuronal protein of 127 amino acids. 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. Synuclein-Gamma 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The protein (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5) and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	

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MDVFKKGFSI AKEGVVGAVE KTKQGVTEAA EKTKEGVMYV GAKTKENVVQSVTSVAEKTK EQANAVSEAV VSSVNTVATK TVEEAENIAV TSGVVRKEDL RPSAPQQEGV ASKEKEEVAE EAQSGGD.

Precautions

SNCG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O76070)