

Datasheet for ABIN6700597 **SNCG Protein (His tag)**



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Overview

Quantity:	20 µg
Target:	SNCG
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNCG protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	SNCG recombinant protein-HIS Epitope
Purification:	Recombinant full length human SNCG was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >95% by densitometry.
Purity:	>95%

Target Details

Target:	SNCG
Alternative Name:	SNCG (SNCG Products)
Background:	Synonyms: BCSG1, PERSYN, PRSN, SR, Gamma-synuclein, Breast cancer-specific gene 1 protein, Persyn, Synoretin, SNCG Background: 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

Target Details

neurodegenerative diseases. SNCG gene may also be overexpressed in ovarian cancers (1). 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 (2). 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. SNCG Protein is ideal for investigators involved in Signaling Proteins, Microtubule/Actin Associated Proteins, Cancer, and Neurobiology research.

NCBI Accession: [NM_003087](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: SNCG Protein is suitable for use in Western Blot. Expect a band approximately ~17.5 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 µg/µL

Buffer: SNCG Protein is stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. 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.

Expiry Date: 12 months