

Native Human SNCB

Cat. No. SNCB-27206TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length protein (Human)
Species	Human
Source	E.coli
Description	<p>The protein encoded by this gene is highly homologous to alpha-synuclein. These proteins are abundantly expressed in the brain and putatively inhibit phospholipase D2 selectively. The encoded protein, which may play a role in neuronal plasticity, is abundant in neurofibrillary lesions of patients with Alzheimer disease. This protein has been shown to be highly expressed in the substantia nigra of the brain, a region of neuronal degeneration in patients with Parkinson disease; however, no direct relation to Parkinson disease has been established. Two transcript variants encoding the same protein have been found for this gene.</p>
Tissue specificity	Expressed predominantly in brain; concentrated in presynaptic nerve terminals.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 0.1M Sodium chloride, 20mM Tris HCl, 1mM Magnesium chloride, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids MDVFMKGLSM AKEGVVAAAE KTKQGVTEAA EKTKEGVLYV
GSKTREGVVQGVASVAEKTQ EQASHLGGAV FSGAGNIAAA TGLVKREEFP
TDLKPEEVAQEAAEEPLIEP LMEPEGESYE DPPQEEYQEY EPEA

Sequence Similarities Belongs to the synuclein family.

Full Length Full L.

GENE INFORMATION

Gene Name [SNCB synuclein, beta \[Homo sapiens \]](#)

Official Symbol [SNCB](#)

Synonyms SNCB; synuclein, beta; beta-synuclein;

Gene ID [6620](#)

mRNA Refseq [NM_001001502](#)

Protein Refseq [NP_001001502](#)

MIM [602569](#)

Uniprot ID [Q16143](#)

Chromosome Location 5q35

Function calcium ion binding; phospholipase inhibitor activity;

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