

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	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.
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.

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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;