

Product datasheet for **TP302449L**

beta Synuclein (SNCB) (NM_003085) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human synuclein, beta (SNCB), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202449 protein sequence
Red=Cloning site **Green**=Tags(s)

MDVFMKGLSMAKEGVVAAAEEKTKQGVTEAAEKTKEGVLYVGSKTREGVWQGVASVAEKTKEQASHLGGAV
FSGAGNIAAATGLVKREEFPTDLKPEEVAQEAEEPLIEPLMEPEGESYEDPPQEEYQEYEPEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_003076](#)

Locus ID: 6620

UniProt ID: [Q16143](#)

RefSeq Size: 1310

Cytogenetics: 5q35.2

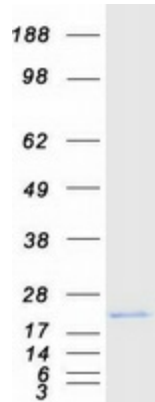


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RefSeq ORF: 402

Summary: This gene encodes a member of a small family of proteins that inhibit phospholipase D2 and may function in neuronal plasticity. The encoded protein is abundant in lesions of patients with Alzheimer disease. A mutation in this gene was found in individuals with dementia with Lewy bodies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified SNCB protein (Cat# [TP302449]). The protein was produced from HEK293T cells transfected with SNCB cDNA clone (Cat# [RC202449]) using MegaTran 2.0 (Cat# [TT210002]).