

Recombinant Human SNCB Protein, MYC/DDK-tagged

Cat. No. SNCB-245H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human synuclein, beta (SNCB), transcript variant 1 with MYC/DDK at C-terminal was expressed in HEK293T.
Species	Human
Source	HEK293
Description	Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease.
Molecular Mass	14.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	SNCB
Official Symbol	SNCB synuclein beta [Homo sapiens (human)]
Synonyms	SNCB; synuclein beta; beta-synuclein; I(2)-synuclein
Gene ID	6620
mRNA Refseq	NM_003085
Protein Refseq	NP_003076
MIM	602569
UniProt ID	Q16143

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