Datasheet for ABIN6700595

beta Synuclein Protein (His tag)

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Overview

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

Product Details

Purpose:	SNCB recombinant protein-HIS Epitope
Purification:	Recombinant full length human SNCB 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:	beta Synuclein (SNCB)
Alternative Name:	SNCB (SNCB Products)
Background:	Synonyms: Beta-synuclein, PNP 14, Phosphoneuroprotein 14 Background: SNCB is a member of the synuclein family of proteins which are believed to be involved in the pathogenesis of neurodegenerative diseases. SNCB is highly homologous to alpha-synuclein which is abundantly expressed in the brain and putatively inhibits

Target Details

	phospholipase D2 selectively. SNCB may play a role in neuronal plasticity, is abundant in neurofibrillary lesions of patients with Alzheimer disease. SNCB is shown to be highly expressed in the substantia nigra of the brain, a region of neuronal degeneration in patients with Parkinson disease but no direct relation to Parkinson disease has been established (1). An alteration in SNCB may impair its normal inhibitory action on the formation of toxic alpha-synuclein fibrils, thereby indirectly contributing to disease pathogenesis (2). SNCB Protein is ideal for investigators involved in Signaling Proteins, Microtubule/Actin Associated Proteins, Cancer, and Neurobiology research.
NCBI Accession:	NM_003085

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: SNCB Protein is suitable for use in Western Blot. Expect a band approximately ~19 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:	SNCB 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