

SNCB

Recombinant Human Beta-Synuclein

Catalog No.	CRS126A CRS126B CRS126C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Beta-synuclein, SNCB, β-Synuclein.		
Description:	<p>b-synuclein (amino acids 1-134), an acidic neuronal protein of 134 amino acids, is extremely heat-resistant. b-synuclein also has a chaperone-like activity. Recently, b-synuclein has been suggested to inhibit a-synuclein aggregation. b and a-synuclein 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</p> <p>Recombinant Human b-Synuclein is a single, non-glycosylated polypeptide chain having a molecular mass of 14,287 Daltons and purified by proprietary chromatographic techniques.</p>		
Physical Appearance:	Sterile filtered colorless solution.		
GeneID:	6620		
Source:	<i>E. coli</i>		
Molecular Mass:	14,287 Da		
Formulation:	The protein (1 mg/ml) contains 20 mM Tris-HCl buffer, pH 7.5, + 0.1 M NaCl + 1 mM MgCl ₂ .		
Purity:	> 95.0% as determined by RP-HPLC and SDS-PAGE.		
Amino Acid Sequence:	DVFMKGLSM AKEGVVAAAE KTKQGVTEAA EKTKEGVLYV GSKTREGVVQ GVASVAEKTQ EQASHLGGAV FSGAGNIAAA TGLVKREEFP TDLKPEEVAQ EAAEEPLIEP LMEPEGESYE DPPQEEYQEY EPEA		
Storage & Stability:	Store at 2-4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.		

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