

Recombinant Human SNC α Protein(Trx Tag)

Catalog Number: PDEH101110



Note: Centrifuge before opening to ensure complete recovery of vial contents.

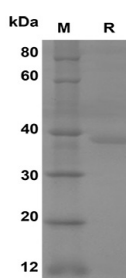
Description

Species	Human
Source	E.coli-derived Human SNC α protein Met1-Ala140, with an N-terminal Trx
Mol_Mass	35.2 kDa
Accession	P37840
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

Data



SDS-PAGE analysis of Human SNC α proteins, 2 μ g/lane of Recombinant Human SNC α proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 37 kDa

Background

Alpha-Synuclein (SNCA) is a member of the Synuclein family. SNCA is expressed principally in brain but also expressed in low concentrations in all tissues except liver. SNCA interacts with UCHL1, Phospholipase D and histones. SNCA can include beta- and gamma-synuclein. In addition, SNCA is an important regulatory component of vesicular transport in neuronal cells. It has been suggested that SNCA is related to the pathogenesis of Parkinson's Disease and neurodegenerative disorders. Defects in SNCA will lead to Dementia Lewy Body (DLB).

For Research Use Only

A Reliable Research Partner in Life Science and Medicine
Tel:400-999-2100

Email:techsupport@elabscience.cn

Web:www.elabscience.cn

Rev. V1.0