

Recombinant human gamma-Synuclein protein

Catalog Number: SNG2001

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-127aa

UniProt No.

O76070

NCBI Accession No.

NP_003078.2

Alternative Names

Synuclein gamma, SNCG, BCSG1, SR, Persyn, PRSN, Synoretin, Breast cancer-specific gene 1, γ -synuclein

PRODUCT SPECIFICATION

Molecular Weight

13.3 kDa (127aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

Non-Tagged

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

gamma-synuclein (Originally known as a breast cancer specific gene product, BCSG1) is an acidic neuronal protein of 127 amino acids. The protein coding region of gamma-synuclein was amplified by RT-PCR and cloned into an E. coli expression vector. gamma-synuclein was overexpressed in E. coli and purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column

Recombinant human gamma-Synuclein protein

Catalog Number: SNG2001

chromatography techniques.

Amino acid Sequence

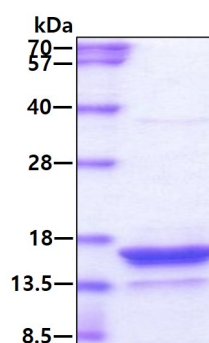
MDVFKKGFSI AKEGVVGAVE KTKQGVTEAA EKTKEGVMYV GAKTKENVVQ SVTSVAEKTQ EQANAVSEAV VSSVNTVATK
TVEEAENIAV TSGVVRKEDL RPSAPQQEGV ASKEKEEVAE EAQSGGD

General References

Ji H., et al. (1997) Cancer Res. 57(4):759-64.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.