

Recombinant mouse gamma-Synuclein protein

Catalog Number: ATGP3677

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-123aa

UniProt No.

Q9Z0F7

NCBI Accession No.

NP_035560

Alternative Names

Gamma-synuclein, C79089, persyn, Uscropmag-synuclein, C79089, 2, SNCG

PRODUCT SPECIFICATION

Molecular Weight

15.5 kDa (146aa) Confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl

Purity

> 95% by SDS-PAGE

Tag

His-Tag

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

Sncg, also known as gamma-Synuclein, is an acidic neuronal protein. It plays a role in neurofilament network integrity. This protein activates the MAPK and Elk-1 signal transduction pathway. According to some research, Sncg may play an important role in invasion, infiltration and apoptosis of esophageal cancer and serve as target spots in the targeted therapy of esophageal cancer. Recombinant mouse Sncg, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant mouse gamma-Synuclein protein

Catalog Number: ATGP3677

Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MDVFKKG FSIAKEGVVG AVEKTKQGVV EAAEKTEKGV MYVGTKTKEN
VVQSVTSVAE KTKEQANAVS AVVSSVNTV ANKTVEEAEN IVVTTGVVRK EDLEPPAQDQ EAKEQEENEE AKSGED

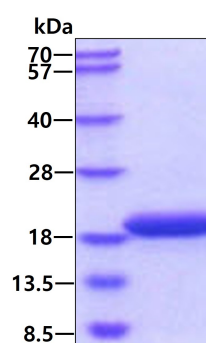
General References

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

Luo JH, et al. (2013) Asian Pac J Trop Med. 6(7):516-9.

DATA

SDS-PAGE



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