

Recombinant human Stathmin-2/STMN2 protein

Catalog Number: ATGP0422

PRODUCT INFORMATION

Expression system

E.coli

Domain

39-179aa

UniProt No.

Q93045

NCBI Accession No.

NP_008960.2

Alternative Names

Superior cervical ganglion-10, STMN2, SCG10, SCGN10, SGC10, Superior cervical ganglion-10 Neuronal growth associated protein, SCG 10, SCG10 protein, SCGN 10, SGC 10, Stathmin 2, Superior cervical ganglia neural specific 10, Superior cervical ganglion 10 protein, Stathmin like 2, Superiorcervical ganglia neural specific 10

PRODUCT SPECIFICATION

Molecular Weight

16.4 kDa (142aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 50mM MES (pH6.0) containing 0.1mM PMSF, 1mM EDTA, 10% glycerol

Purity

> 85% by SDS-PAGE

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

Stathmin-2, also known as SCG10, is a neuronal growth-associated protein which shares significant amino acid sequence similarity with the phosphoprotein stathmin. This protein may play a role in neuronal differentiation and in modulating membrane interaction with the cytoskeleton during neurite outgrowth. Recombinant Stathmin-2 protein was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MDMEVKQINK RASGQAFELI LKPPSPISEA PRTLASPKKK DLSLEEIQKK LEAAEERRKS QEAQVLKQLA EKREHEREVL
QKALEENNNF SKMAEEKLIL KMEQIKENRE ANLAIIERL QEKERHAAEV RRNKELQVEL SG

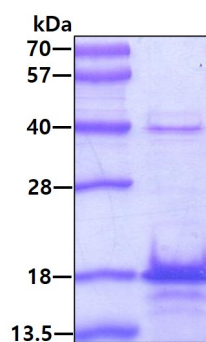
General References

Okazaki T., et al. (1996) Neurobiol Aging. 16(6):883-94.

Liu Z., et al. (2002) J Biol Chem. 277(40):37832-9.

DATA

SDS-PAGE



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