

Recombinant human Stathmin-3/STMN3 protein

Catalog Number: ATGP0583

PRODUCT INFORMATION

Expression system

E.coli

Domain

39-180aa

UniProt No.

Q9NZ72

NCBI Accession No.

NP_056978

Alternative Names

Stathmin-3, SCLIP, Stathmin-3 9330161A03Rik, AI604839, R75323, Sclip, OTTHuMP00000031570, OTTMuSP00000018010, RP23-83A14.1, SCG10-like protein, Scgn10 like protein, Stathmin like 3, Stathmin Like-3

PRODUCT SPECIFICATION

Molecular Weight

18.9 kDa (163aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT

Purity

> 85% 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

STMN3, also known as stathmin3, is a 180 amino acid neuronal specific protein which belongs to the stathmin/oncoprotein 18 family of microtubule-destabilizing phosphoproteins. It is similar to the SCG10 protein and is involved in signal transduction and regulation of microtubule dynamics. Recombinant human STMN3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MDMEVKQLDK RASGQSFEVI LKSPSDLSPE SPMLSSPPKK KDTSLLEELQK RLEAAEERRK
TQEAQVLKQL AERREHEREV LHKALEENNN FSRQAEKLN YKMELSKEIR EAHLAALRER LREKELHAAE VRRNKEQREE
MSG

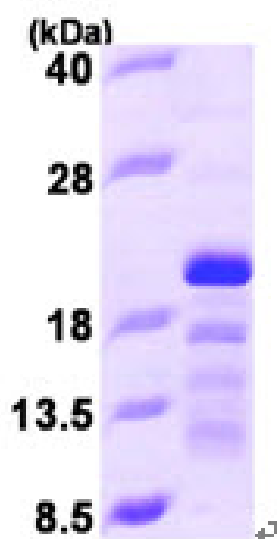
General References

Ozon S., et al. (1998) J Neurochem. 70(6):2386-96.

Bieche I., et al. (2003) Genomics. 81(4):400-10.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)