

Recombinant human STMN4 protein

Catalog Number: ATGP2143

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-216aa

UniProt No.

Q9H169

NCBI Accession No.

NP_110422

Alternative Names

Stathmin-4, Stathmin 4, RB3, stathmin-like 4, Stathmin-like protein B3

PRODUCT SPECIFICATION

Molecular Weight

27.8 kDa (239aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% 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

STMN4 belongs to the stathmin family and exhibits microtubule-destabilizing activity. Recombinant human STMN4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMTLAAYK EKMKEPLVS LFCSCFLADP LNKSSYKYEG WCGRQCRRKD
ESQRKDSADW RERRAQADTV DLNWCVISDM EVIELNKCTS GQSFEVILKP PSFDGVPEFN ASLPRRRDPS LEEIQKKLEA

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AEERRKYQEA ELLKHLEAKR EHEREVIQKA IEENNNFIKM AKEKLAQKME SNKENREAHL AAMLERLQEK DKHAEEVRKN
KELKEEASR

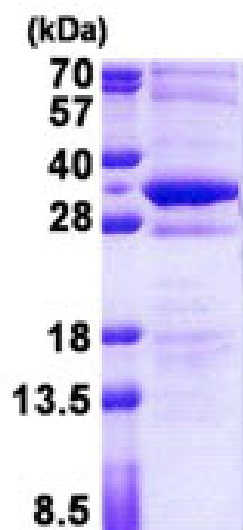
General References

Bieche I, Maucuer A, et al. (2005). Genomics. 81(4):400-10.

Gavet O, Ozon S, et al. (2005). J Cell Sci. 111 (Pt 22):3333-46.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)