PRODUCT INFORMATION

Expression system E.coli

Domain 1-167aa

UniProt No. 015182

NCBI Accession No. NP_004356

Alternative Names Centrin-3, CEN3, Centrin-3

PRODUCT SPECIFICATION

Molecular Weight 21.7 kDa (187aa) 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, 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

CETN3 contains four EF-hand calcium binding domains, and is a member of the centrin protein family. This protein is ubiquitously expressed cytoskeletal components that show increased expression during cell differentiation. It plays a role in centrosome reproduction. Recombinant human CETN3 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 MSLALRSELV VDKTKRKKRR ELSEEQKQEI KDAFELFDTD KDEAIDYHEL KVAMRALGFD



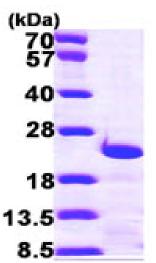
VKKADVLKIL KDYDREATGK ITFEDFNEVV TDWILERDPH EEILKAFKLF DDDDSGKISL RNLRRVAREL GENMSDEELR AMIEEFDKDG DGEINQEEFI AIMTGDI

General References

Middendorp S, et al.. (1997) Proc Natl Acad Sci u S A. 94 (17): 9141-6

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)