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## **Recombinant human CETN3 protein**

Catalog Number: ATGP0695

#### **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 ELSEEOKOEI KDAFELFDTD KDEAIDYHEL KVAMRALGFD



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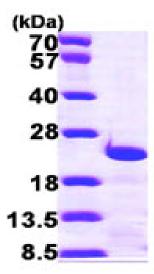
VKKADVLKIL KDYDREATGK ITFEDFNEVV TDWILERDPH EEILKAFKLF DDDDSGKISL RNLRRVAREL GENMSDEELR AMIEEFDKDG DGEINQEEFI AIMTGDI

## **General References**

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

## **DATA**

## **SDS-PAGE**



15% SDS-PAGE (3ug)

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

