

Recombinant human CETN2 protein

Catalog Number: ATGP0854

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-172aa

UniProt No.

P41208

NCBI Accession No.

NP_004335.1

Alternative Names

Caltractin, CALT, CEN2, Centrin-2

PRODUCT SPECIFICATION

Molecular Weight

21.9 kDa (192aa) 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, 1mM DTT

Purity

> 90% 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

CETN2, also called caltractin, belongs to a family of calcium-binding proteins and is a structural component of the centrosome. This protein plays a role in nucleotide excision repair via association with xeroderma pigmentosum group C protein, suggesting possible coupling of cell division and nucleotide excision repair. Recombinant human CETN2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MASNFKKANM ASSSQRKRMS PKPELTEEQK QEIREAFDLF DADGTGTIDV
KELKVAMRAL GFEPKKEEIK KMISEIDKEG TGKMNFGDFL TVMTQKMSEK DTKEEILKAF KLFDDDETGK ISFKNLKRVA
KELGENLTDE ELQEMIDEAD RDGDGEVSEQ EFLRIMKKTS LY

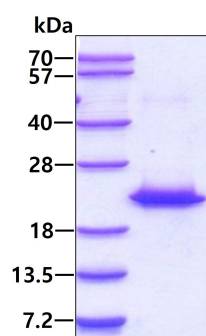
General References

Araki M, et al. (2001), J. Biol. Chem., 276:18665-18672

Matei E., et al. (2003). Biochemistry. 42: 1439-1450.

DATA

SDS-PAGE



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