
Product Data Sheet

Product Name: CETN1 Human

Cat. No.: GP23127

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Centrin EF-hand protein 1; calcium binding protein; Caltractin isoform 2; CETN.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMASGFK KPSAASTGQK RKVAPKPELT EDQKQEVREA FDLFDVDGSG TIDAKELKVA MRALGFEPK EEMKKMISEV DREGTGKISF NDFLAVMTQK MSEKDTKEEI LKAFRLFDDDD ETGKISFKNL KRVANELGEN LTDEELQEMI DEADRDGDGE VNEEEFLRIM KKTSLY		
Formulation	The CETN1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.		

Introduction

CETN1 is an EF-hand type Ca²⁺-binding protein. CETN1 is localized to the centrosome of interphase cells, and reorganizes the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle. CETN1 has a vital part in the determination of centrosome position and isolation, and in the course of microtubule separating.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CETN1 Human Recombinant produced E. coli is a single polypeptide chain containing 221 amino acids (1-172) and having a molecular mass of 22.1kDa. CETN1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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