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## Product Data Sheet

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Product Name: CETN2 Human  
 Cat. No.: GP23128  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Centrin-2; Caltractin isoform 1; CETN2; CALT; CEN2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MASNFKKANM ASSQQRKMS PKPELTEEQK QEIREAFDLF DADGTGTIDV KELKVAMRAL GFEPKKEEIK KMISEIDKEG TGKMNFGDFL TVMTQKMSEK DTKEEILKAF KLFDDDETGK ISFKNLKRVA KELGENLTDE ELQEMIDEAD RDGDGEVSEQ EFLRIMKKTS LY.		
Formulation	The CETN2 solution (0.5 mg/ml) 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.		

### Introduction

Caltractin (CETN2) is a member of a family of calcium-binding proteins and is a structural component of the centrosome. CETN2 has a role in nucleotide excision repair via association with xeroderma pigmentosum group C protein, suggesting possible coupling of cell division and nucleotide excision repair.

### 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

CETN2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 192 amino acids (1-172 a.a.) and having a molecular mass of 21.9kDa. The CETN2 is purified by proprietary chromatographic techniques.

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

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