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**Product Data Sheet**


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Product Name: CETN3 Human  
 Cat. No.: GP23129  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CEN3; CEN-3; CETN-3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSLALRSELV VDKTKRKKRR ELSEEQKQEI KDAFELFDTD KDEAIDYHEL KVAMRALGFD VKKADV LKILKDYDREATGK ITFEDFNEVV TDWILERDPH EEILKAFKLF DDDDSGKISL RNLRRVAREL GENMSDEELR AMIEEFDKDG DGEINQEEFI AIMTGDI.		
Formulation	CETN3 Human 0.5mg/ml solution contains 20mM Tris HCl pH-8, 0.1M NaCl and 10% glycerol.		

**Introduction**

CETN3 comprises of 4 EF-hand calcium binding domains, and is a part of the centrin protein family. CETN3 protein is widely expressed cytoskeletal components that demonstrate increased expression during cell differentiation. CETN3 takes part in centrosome reproduction.

**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**

CETN3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 187 amino acids (1-167 a.a.) and having a molecular mass of 21.7 kDa. CETN3 protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.

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

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