

## Product datasheet for **AR50368PU-S**

### Centrin-1 (1-172, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Centrin-1 (1-172, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSHTMASGFK KPSAASTGQK RKVAPKPELT EDQKQEVREA FDLFDVDGSG TIDAKELKVA MRALGFEPK EEMKKMISEV DREGTGKISF NDFLAVMTQK MSEKDTKEEI LKAFRLFDDD ETGKISFKNL KRVANELGEN LTDEELQEMI DEADRDGDGE VNEEEFLRIM KKTSLY
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	22.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CETN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_004057</a>
<b>Locus ID:</b>	1068
<b>UniProt ID:</b>	<a href="#">Q12798</a> , <a href="#">A0A140VJG3</a>
<b>Cytogenetics:</b>	18p11.32
<b>Synonyms:</b>	CEN1; CETN



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**Summary:**

The protein encoded by this gene plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This protein is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle. [provided by RefSeq, Jan 2015]

**Protein Families:**

Druggable Genome

**Product images:**