



# Recombinant Human Centrin-1 (CETN1)

<b>Product Code</b>	CSB-EP613263HU-B
<b>Abbreviation</b>	CETN1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q12798
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASGFKKPSA ASTGQKRKVA PKPELTEDQK QEVREAFDLF DVDGSGTIDA KELKVAMRAL GFEPKRKEEMK KMISEVDREG TKGISFNDFL AVMTQKMSEK DTKEEILKAF RLFDDDETGK ISFKNLKRVA NELGENLTDE ELQEMIDEAD RDGDGEVNEE EFLRIMKKTS LY
<b>Source</b>	E.coli
<b>Target Names</b>	CETN1
<b>Protein Names</b>	Recommended name: Centrin-1 Alternative name(s): Caltractin isoform 2
<b>Expression Region</b>	1-172
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This encoded 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.