

## Centrin-1 Human Recombinant

<b>Item Number</b>	rAP-2990
<b>Synonyms</b>	Centrin EF-hand protein 1, calcium binding protein, Caltractin isoform 2, CETN.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q12798
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHTMASGFK KPSAASTGQK RKVAPKPELT EDQKQEVREA FDLFDVDGSG TIDAKELKVA MRALGFEPK EEMKKMISEV DREGTGKISF NDFLAVMTQK MSEKDT- KEEI LKAFRLFDDD ETGKISFKNL KRVANELGEN LTDEELQEMI DEADRDGDGE VNEEEFLRIM KKTSLY
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The CETN1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**