



## Regulator of Calcineurin 1 Human Recombinant

<b>Item Number</b>	rAP-4635
<b>Synonyms</b>	Calcipressin-1, Regulator of calcineurin 1, Down syndrome critical region protein 1, Myocyte-enriched calcineurin-interacting protein 1, MCIP1, Adapt78, RCAN1, ADAPT78, CSP1, DSC1, DSCR1, RCN1.
<b>Description</b>	RCAN1 Isoform-b Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 117 amino acids and having a molecular mass of 13 kDa.
<b>Uniprot Accession Number</b>	P53805
<b>Amino Acid Sequence</b>	MKLYFAQTLH IGSSHLAPPN PDKQFLISPP ASPVGVKQV EDATPVINYD LLYAISKLGPGKEYELHAAT DTPSVVVHV CESDQEKEEE EEMERMRRPK PKIIQTRRPE YTPIHLS.
<b>Source</b>	Escherichia 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 protein solution (1mg/ml) contains 20mM Tris-HCl pH-7.5, 100mM NaCl and 1mM DTT. Greater than 90.0% 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**