

Regulator of Calcineurin 3 Human Recombinant

Item Number	rAP-4634
Synonyms	DSCR1L2, hRCN3, MCIP3, RCN3, Calcipressin-3, Down syndrome candidate region 1-like protein 2, Myocyte-enriched calcineurin-interacting protein 3, Regulator of calcineurin 3.
Description	RCAN3 Human Recombinant produced in E. coli is a single polypeptide chain containing 209 amino acids (56-241) and having a molecular mass of 23.5 kDa. RCAN3 is fused to 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UKA8
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSEAVFEAR EQKERFEALF TIYDDQVTFQ LFKSFRRVRI NFSKPEAAAR ARIELHETDF NGQKLKLYFA QVQMSGEVRD KSYLLPPQPV KQFLISPPAS PPVGWKQSED AMPVINYDLL CAVSKLGPGE KYELHAGTES TPSVVHVCE SETEEEEETK NPKQKI- AQTR RPDPTAALN EPQTFDCAL.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The RCAN3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 20% glycerol and 0.2M NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**