

Recombinant Human RCN3 Protein

Catalog #	Source	Reactivity	Applications
CRP2201	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human RCN3 Protein is produced by our mammalian expression system and the target gene encoding Lys21-Leu328 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μ M filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT, 10% Glycerol, pH 7.4.		
Gene Symbol	RCN3		
Alternative Names	Reticulocalbin-3; EF-hand calcium-binding protein RLP49		
Entrez Gene	57333 (Human)		
SwissProt	Q96D15 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>KPSPDAGPHG QGRVHQAAPL SDAPHDDAHG NFQYDHEAFL GREVAKEFDQ LTPEESQARL GRIVDRMDRA GDGDGWVSLA ELRAWIAHTQ QRHIRDSVSA AWDTYDTRD GRVGWEELRN ATYGHYAPGE EFHDVEDAET YKKMLARDER RFRVADQDGD SMATREELTA FLHPEEFPHM RDIVIAETLE DLDRNKDGYV QVEEYIADLY SAEPGEEPA WVQTERQQFR DFRDLNKDGH LDGSEVGHVW LPPAQDQPLV EANHLLHESD TDKDGRLSKA EILGNWNMFV GSQATNYGED LTRHHDELVD HHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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