



Recombinant Rat Reticulocalbin-2 (Rcn2)

Product Code	CSB-EP717276RA-B
Abbreviation	Rcn2
Storage	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.
Uniprot No.	Q62703
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	SKAEE LHYPQGEHRA DYDRETL LGV QEDVDEYVKL GHEEQRRRLQ SIIKKIDSDS DGFLTENELS QWIQMSFKHY AMQEAKQQFV EYDKNSDGT TWDEYNVQMY DRVIDFDENT ALDDTEEEESF RQLHLKDKKR FEKANQDSGP GLNLEEFIAF EHPEEVDYMT EFVIQEAL EE HDKNGDGFVS LEEFLGDYRR DPTANEDPEW ILVEKDRFVN DYDKSDSGRL DPQELLSWVV PNNQGIAQEE ALHLIDEMDL NSDKKLSEEE ILENQDLFLT SEATDYGRQL HDDYFYHDEL
Source	E.coli
Target Names	Rcn2
Protein Names	Recommended name: Reticulocalbin-2 Alternative name(s): Calcium-binding protein ERC-55 Taipoxin-associated calcium-binding protein 49 Short name=TCBP-49
Expression Region	26-320
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a calcium-binding protein located in the lumen of the ER. The protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. This gene maps to the same region as type 4 Bardet-Biedl syndrome, suggesting a possible causative role for this gene in the disorder.
Reconstitution	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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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