9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RCN2 Human

Reticulocalbin 2 Human Recombinant
RCP1836

Product Overview

Name	RCN2 Human
Description	
Reticulocalbin 2 Human Recombinant	
Accession (Primary)	Q14257
Synonyms	
Reticulocalbin-2, Calcium-binding protein ERC-55, E6-binding protein, 6BP, RCN2, ERC55, E6BP, ERC-55, TCBP49.	
Introduction	
Reticulocalbin-2 (RCN2) is a member of the CREC protein family. RCN2 is a calcium-binding protein found in the lumen of the ER. RCN2 contains 6 conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The RCN2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M EELHYPLGE RRSDYDREAL LGVQEDVDEY VKLGHEEQQK RLQAIIKKID LDSDGFLTES ELSSWIQMSF KHYAMQEAKQ QFVEYDKNSD DTVTWDEYNI QMYDRVIDFD ENTALDDAEE ESFRKLHLKD KKRFEKANQD SGPGLSLEEF IAFEHPEEVD YMTEFVIQEA LEEHDKNGDG FVSLEEFLGD YRWDPTANED PEWILVEKDR FVNDYDKDND GRLDPQELLP WVVPNNQGIA QEEALHLIDE MDLNGDKKLS EEEILENPDL FLTSEATDYG RQLHDDYFYH DEL.	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RCN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q14257)