

RCN2

Recombinant Human Reticulocalbin 2 His

Catalog No.	CS466A CS466B CS466C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	E6-binding protein, E6BP, ERC55, E6BP, TCBP49		
Description:	<p>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⁺⁺ binding motif, the EF-hand.</p> <p>Recombinant Human RCN2 is a single, non-glycosylated polypeptide chain containing 313 amino acids (aa 26-317) fused to a 21 amino acid His-tag at the N-terminal end.</p>		
Concentration:	1 mg/ml		
Gene ID:	5955		
Source:	<i>E. coli</i>		
Molecular Mass:	36.8 kDa		
Formulation:	The RCN2 sterile filtered colorless solution (1 mg/ml) contains 20 mM Tris-HCl buffer, pH 8.0, + 10% glycerol + 1 mM DTT.		
Purity:	>90.0% as determined by SDS-PAGE.		
Amino Acid Sequence:	<p><u>MGSSHHHHHH SSGLVPRGSH</u> MEELHYPLGE RRSYDYREAL LGVQEDVDEY VKGHEEQK RLQAIKKID LDSGFLTES ELSSWIQMSF KHYAMQEAKQ QFVEYDKNSD DTVTWDEYNI QMYDRVIDFD ENTALDDAEE ESRKLHLKD KKRFEKANQD SGPGLSLEEF IAFEHPPEVD YMTEFVIQEA LEEHDKNGDG FVSLEEF LGD YRWDPTANED PEWILVEKDR FVNDYDKDND GRDPQELLP WVVPNNQGIA QEEALHLIDE MDLNGDKKLS EEEILENPDL FLTSEATDYG RQLHDDYFYH DEL.</p>		
Storage & Stability:	Store at 2-4°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 repeated freeze-thaw cycles.		

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