

Reticulocalbin 2 Human Recombinant

Item Number	rAP-4657
Synonyms	Reticulocalbin-2, Calcium-binding protein ERC-55, E6-binding protein, 6BP, RCN2, ERC55, E6BP, ERC-55, TCBP49.
Description	RCN2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (26-317 a.a.) and having a molecular mass of 36.8kDa (Molecular weight on SDS-PAGE will appear higher). RCN2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic
Uniprot Accession Number	Q14257
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MEELHYPLGE RRSYDREAL LGVQEDVDEY VKLGHEEQK RLQAIK-KID LDDGFLTES ELSSWIQMSF KHYAMQEAQ QFVEYDKNSD DTVTWDEYNI QMYDRVIDFD EN-TALDDAEE ESFRKLHLKD KKRFEKANQD SGPGLSLEEF IAFEHPPEVDYMTFVIQEA LEEHDKNGDG FVSLEEFGLD YRWDPTANED PEWILVEKDR FVNDYDKDND GRDPQELLV WVPNNQGIQ QEEALHLIDE MDLNGDKKLS EEEILENPDL FLTSEATDYG RQLHDDYFYH DEL.
Source	Escherichia 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 RCN2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT. Greater than 90.0% 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**