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

RCN3 Human

Reticulocalbin 3 Human Recombinant
RCP1837

Product Overview

Name	RCN3 Human
Description	
Reticulocalbin 3 Human Recombinant	
Accession (Primary)	Q96D15
Synonyms	
Reticulocalbin-3, EF-hand calcium-binding protein RLP49, RCN3, RLP49.	
Introduction	
Reticulocalbin 3 (RCN3) belongs to the CREC (cab45/reticulocalbin/ ERC45/calumenin) family. RCN3 contains 5 Arg-Xaa-Xaa-Arg motifs, which function as target sequences of SPCs (subtilisin-like proprotein convertases), which is a family of serine endoproteases that proteolytically activate proproteins. The synthesis of PACE4 is induced by association and coexpression with RCN3.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RCN3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM KPSPD AGPHGQGRVH QAAPLSDAPH DDAHGNFQYD HEAFLGREVA KEFDQLTPEE SQARLGRIVD RMDRAGDGDG WVSLAELRAW IAHTQQRHIR DSVSAAWDTY DTDRDGRVGW EELRNATYGH YAPGEEFHDV EDAETYKKML ARDERRFRVA DQDGDSMATR EELTAFLHPE EFPHMRDIVI AETLEDLDRN KDGYVQVEEY IADLYSAEPG EEEPAWVQTE RQQFRDFRDL NKDGHLDGSE VGHWVLPPAQ DQPLVEANHL LHESDTDKDG RLSKAEILGN WNMFVGSQAT NYGEDLTRHH DEL.	

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Precautions

RCN3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96D15)