

32-4628: Recombinant Human Reticulocalbin 3

Alternative Name : Reticulocalbin-3, EF-hand calcium-binding protein RLP49, RCN3, RLP49.

Description

Source : Escherichia Coli. RCN3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 333 amino acids (21-328 a.a) and having a molecular mass of 37.9kDa. RCN3 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	RCN3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHH SSGLVPRGSH MGSMMKPSPD AGPHGQGRVH QAAPLSDAPH DDAHGNFQYD HEAFLGREVA KEFDQLTPEE SQARLGRIVD RMDRAGDGDG WVSLAELRAW IAHTQQRHIR DSVSAAWDTY DTDRDGRVGW EELRNATYGH YAPGEFHDV EDAETYKKML ARDERRFRVA DQDGDSMATR EELTAFLHPE EFPHMRDIVI AETLEDLDRN KDG YVQVEEY IADLYSAEPG EEPAWVQTE RQQFRDFRDL NKDGHLDGSE VGHWWLPPAQ DQPLVEANHL LHESDTDKDG RLSKAEILGN WNMFVGSQAT NYGEDLTRHH DEL.

