

Reticulocalbin 3 Human Recombinant

Item Number	rAP-4656
Synonyms	Reticulocalbin-3, EF-hand calcium-binding protein RLP49, RCN3, RLP49.
Description	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.
Uniprot Accesion Number	Q96D15
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKPSPD AGPHGQGRVH QAAPLSDAPH DDAHGNFQYD HEAFLGREVA KEFDQLTPEE SQARLGRIVD RMDRAGDGDG WVSLAELRAW IAHTQQRHIR DSVSAAWDTY DTDRDGRGVW EELRNATYGH YAPGEEFHDV EDAETYKKML ARDERRFRVA DQDGDSMATTR EELTAFLHPE EFPHMRDIVI AETLELDRN KDGYVQVEEY IADLYSAEPG EEPAWVQTE RQQFRDFRDL NKGHLDGSE VGHWVLPPAQ DQPLVEANHL LHESDTDKDG RLSKAEILGN WNMFVGSQAT NYGEDLTRHH 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	RCN3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% 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 end users! This product is sold for **Research Use Only**