



Item Number	rAP-3731
Synonyms	Cell differentiation protein RCD1 homolog, Rcd-1, RQCD1, RCD1, CNOT9, CT129, RCD1+.
Description	RQCD1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 319 amino acids (1-299 a.a.) and having a molecular mass of 35.7kDa. The RQCD1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q92600
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MHS LATAAPV PTTLAQVDRE KIQWINELS SPETRENALL ELSKKRESVP DLAPMLWHSF GTIAALLQEI VNIYPSINPP TLTAHQSNRV CNALALLQCV ASHPETRSAF LAAHIPLFLY PFLHTVSKTR PFEYLRRLTSL GVIGALVKTD EQEVINFLT TEIIPLCRLI MESGSELSKT VAT- FILQKIL LDDTGLAYIC QTYERFSHVA MILGKMVLQL SKEPSARLLK HVVRCYLRLS DNPRAREALR QCLPDQLKDT TFAQVLKDDT TTKRWLAQLV KNLQEGQVTD PRGIPLPPQ.
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 RQCD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. 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 ender users! This product is sold for **Research Use Only**