

**RQCD1, 1-299aa, Human, His tag, E.coli**

**Cat.NO.: TP03800**

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3th Edition

**Synonyms:**Cell differentiation protein RCD1 homolog, CNOT9, CT129, RCD1

**Description:**RQCD1, also known as RCD1, is a novel transcriptional cofactor that mediates retinoic acid-induced cell differentiation. It down-regulates MYB- and JUN-dependent transcription and may play a role in cell differentiation. RQCD1 also plays a role in retinoic acid-controlled lung development. Recombinant human RQCD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl,1mM DTT, 10% glycerol

**Molecular Weight:**35.7 kDa (319aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMHS LATAAPVPTTLAQVDREKIYQWINE LSSPETRENALLELSKKRESV  
DLAPML  
WHSFGTIAALLQEIVNIYPSINPPTLTAHQSNRVCNALALLQCVASHPETRSAFLAAHIPLFLYPFLHTVSKTRPFEYL  
RLTSLGVIGALVKTDEQEVINFLLTTEIIP LCLRIMESGSELSKT VATFILQKILLDDTGLAYICQTYERFSHVAMILGKM  
VLQLSKEPSARLLKHVRCYLRLSDNPRAREALRQCLPDQLKDDTTFAQVLKDDTTTKRWLAQLVKNLQEGQVTDP  
RGIPLPPQ

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.