Recombinant Human RQCD1, His-tagged

Cat. No. RQCD1-2883H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RQCD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Sequence	MGSSHHHHHH SSGLVPRGSH MHSLATAAPV PTTLAQVDRE KIYQWINELS SPETRENALL ELSKKRESVP DLAPMLWHSF GTIAALLQEI VNIYPSINPP TLTAHQSNRV CNALALLQCV ASHPETRSAF LAAHIPLFLY PFLHTVSKTR PFEYLRLTSL GVIGALVKTD EQEVINFLLT TEIIPLCLRI MESGSELSKT VATFILQKIL LDDTGLAYIC QTYERFSHVA MILGKMVLQL SKEPSARLLK HVVRCYLRLS DNPRAREALR QCLPDQLKDT TFAQVLKDDT TTKRWLAQLV KNLQEGQVTD PRGIPLPPQ.
Purity	> 95% by SDS – PAGE.
MW	35.7 kDa (319aa) confirmed by MALDI-TOF.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT.

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Concentration	1mg/ml (determined by Bradford assay).
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.

GENE INFORMATION

Gene Name	RQCD1 RCD1 required for cell differentiation1 homolog (S. pombe) [Homo sapiens]
Synonyms	RQCD1; required for cell differentiation1 homolog (S. pombe); CNOT9, CT129, RCD1, RCD1+; cancer/testis antigen 129; cell differentiation protein RCD1 homolog; protein involved in sexual development; rcd-1; rcd1 (required for cell differentiation, S.pombe) homolog 1
Gene ID	9125
mRNA Refseq	NM_005444
Protein Refseq	NP_005435
MIM	612054
UniProt ID	Q92600
Chromosome Location	2q35
Pathway	RNA degradation;Metabolism of RNA
Function	protein binding

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