

Recombinant human RQCD1/CNOT9 protein

Catalog Number: ATGP0787

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-299aa

UniProt No.

Q92600

NCBI Accession No.

NP_005435

Alternative Names

CCR4-NOT transcription complex subunit 9, Cell differentiation protein RQCD1 homolog, Rcd-1, RCD1 required for cell differentiation1 homolog, RCD1, RCD1+, CT129, CAF40, Cancer/testis antigen 129

PRODUCT SPECIFICATION

Molecular Weight

35.7 kDa (319aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH> MHSLATAAPV PTTLAQVDRE KIYQWINELS SPETRENALL ELSKKRESVP
DLAPMLWHSF GTIAALLQEI VNIYPSINPP TLTAHQSNRV CNALALLQCV ASHPETRSF LAAHIPLFLY PFLHTVSKTR
PFEYLRLTSL GVIGALVKTD EQEVINFLT TEIPLCLRI MESGSELSKT VATFILQKIL LDDTGLAYIC QTYERFSHVA
MILGKMLVQL SKEPSARLLK HVVRCYLRLS DNPRAREALR QCLPDQLKDT TFAQVLKDDT TTKRWLAQLV KNLQEGQVTD
PRGIPLPPQ

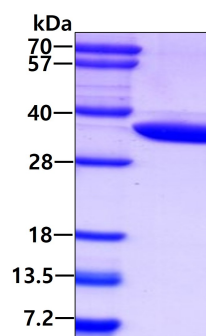
General References

Garapaty S., et al. (2008) J Biol Chem. 283(11):6806-16.

Hiroi N., et al. (2002) EMBO J. 21(19):5235-44.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.