

RQCD1 Human

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.

Catalog #: PRPS-015

For research use only.

Synonyms: Cell differentiation protein RCD1 homolog, Rcd-1, RQCD1, RCD1, CNOT9, CT129, RCD1+.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MHSLATAAPV PTTLAQVDRE
KIYQWINE LS SPETRENALL ELSKKRESVP DLAPMLWHSF GTIAALLQEI VNIYPSINPP
TLTAHQSNRV CNALALLQCV ASHPETRSFA LAAHIPLFLY PFLHTVSKTR PFEYLRRLTSL
GVIGALVKTD EQEVINFLT TEIPLCLR I MESGSELSKT VATFILQKIL LDDTGLAYIC
QTYERFSHVA MI

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The RQCD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

Stability:

RQCD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

RQCD1 is a novel transcriptional cofactor which mediates retinoic acid-induced cell differentiation. RQCD1 down-regulates MYB- and JUN-dependent transcription and may have a role in cell differentiation. RQCD1 also has a role in retinoic acid-controlled lung development.

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