

## Recombinant Human RQCD1 protein, GST-tagged

**Cat. No.** RQCD1-1828H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RQCD1 protein(28-269 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 28-269 aa                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | MHSLATAAPVPTTLAQVDREKIYQWINESSPETRENALLELSKKRESVPDLAPMLW<br>HSFGTIAALLQEIVNIYPSINPPTLTAHQSNRVCNALALLQCVASHPETRSAFLAAHIPL<br>FLYPFLHTVSKTRPFEYLRSLTSLGVTGALVKTDEQEVINFLTTTEIPLCLRIMESGSEL<br>SKTVATFILQKILLDDTGLAYICQTYERFSHVAMILGKMVLQLSKEPSARLLKHVVRCY<br>LRLSDN            |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                         |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |
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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RQCD1 RCD1 required for cell differentiation1 homolog (S. pombe) [ Homo sapiens ]                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | RQCD1                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | RQCD1; RCD1 required for cell differentiation1 homolog (S. pombe); rcd1 (required for cell differentiation, S.pombe) homolog 1; cell differentiation protein RCD1 homolog; cancer/testis antigen 129; CNOT9; CT129; RCD1; RCD1+; rcd-1; protein involved in sexual development; CCR4-NOT transcription complex subunit 9; |
| <b>Gene ID</b>         | 9125                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_005444                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_005435                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 612054                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q92600                                                                                                                                                                                                                                                                                                                    |

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