

Recombinant Human RECQL4 protein, GST-tagged

Cat. No. RECQL4-301588H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human RECQL4 (53-188 aa) protein, fused to GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Cys53-Tyr188 |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| AA Sequence | CLSQWSHNFRCYLRVCKVLRERMGVHCFLGLTATATRRRTASDVAQHLVAEPPDL HGPAPVPTNLHLSVSMRDRTDQALLTLLQGKRFQNLDSIIIIYCNRRREDTERIAALLRT CLHAAWVPGSGGRAPKTTAEAY |
| Purity | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Stability | Store for up to 12 months at -20°C to -80°C as lyophilized powder. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). 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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GENE INFORMATION

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|------------------------|--|
| Gene Name | RECQL4 RecQ protein-like 4 [Homo sapiens] |
| Official Symbol | RECQL4 |
| Synonyms | RECQL4; RecQ protein-like 4; ATP-dependent DNA helicase Q4; RecQ4; DNA helicase, RecQ-like type 4; DNA helicase, RecQ-like, type 4; RECQ4; |
| Gene ID | 9401 |
| mRNA Refseq | NM_004260 |
| Protein Refseq | NP_004251 |
| MIM | 603780 |
| UniProt ID | O94761 |

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