Datasheet for ABIN2730671

# RecQ Protein-Like (DNA Helicase Q1-Like) (RECQL) (Transcript Variant 2) protein (Myc-DYKDDDDK Tag)

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## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 20 µg |
| Target: | RecQ Protein-Like (DNA Helicase Q1-Like) (RECQL) |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | Myc-DYKDDDDK Tag |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

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| Characteristics: | • Recombinant human RecQ1 / RECQL (transcript variant 2) protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

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|---|---|
| Target: | RecQ Protein-Like (DNA Helicase Q1-Like) (RECQL) |
| Alternative Name: | Recq1,recql (RECQL Products) |
| Background: | The protein encoded by this gene is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. The encoded protein is involved in the processing of Holliday |

## Target Details

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| | junctions, the suppression of sister chromatid exchanges, telomere maintenance, and is required for genotoxic stress resistance. Defects in this gene have been associated with several types of cancer. |
| Molecular Weight: | 73.3 kDa |
| NCBI Accession: | NP_116559 |

## Application Details

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|---|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

## Handling

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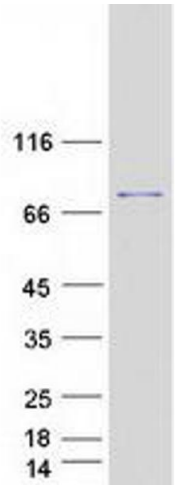
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images




**Western Blotting**

**Image 1.** Validation with Western Blot