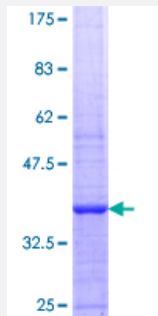


RECQL (Human) Recombinant Protein (Q01)

Catalog # H00005965-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RECQL partial ORF (NP_116559.1, 549 a.a. - 648 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FLIQQLKEDYSFTAYATISYLKIGPKANLLNNEAHAITMQVTKSTQNSFRAESSQTCHSEQGDKKM EEKNSGNFQKKAANMLQQSGSKNTGAKKRKIDD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (68); Rat (65)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RECQL

Entrez GeneID [5965](#)

GeneBank Accession# [NM_032941](#)

Protein Accession# [NP_116559.1](#)

Gene Name RECQL

Gene Alias RECQL1, RecQ1

Gene Description RecQ protein-like (DNA helicase Q1-like)

Omim ID [600537](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Some members of this family are associated with genetic disorders with predisposition to malignancy and chromosomal instability. The biological function of this helicase has not yet been determined. Two alternatively spliced transcripts, which encode the same isoform but differ in their 5' and 3' UTRs, have been described. [provided by RefSeq]

Other Designations ATP-dependent DNA helicase Q1|DNA helicase Q1-like|RecQ protein-like

Disease

- [Ataxia telangiectasia](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)

- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)