

## Recombinant Human RECQL5 protein, GST-tagged

Cat. No. RECQL5-26H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RECQL5(1 a.a. - 435 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-435 a.a.
<b>Description</b>	The protein encoded by this gene is a helicase that is important for genome stability. The encoded protein also prevents aberrant homologous recombination by displacing RAD51 from ssDNA. Three transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	73.59 kDa
<b>AA Sequence</b>	MSSHHTTFFPDPERRVRSTLKKVFGFDSFKTPLQESATMAVVKGNKDVFCMPTGA GKSLCYQLPALLAKGITIV VSPALIALIQDQVDHLLTLKVRVSSLNSKLSAQERKELLAD LEREKPKTKILYITPEMAASSSFQPTLNSLVSRLHLSYLVVDEAHCVSQWGHDFRPD YLRLGALRSRLGHAPCVALTATATPQVQEDVFAALHLKPKVAIFKTPCFRANL FYDV QFKELISDPYGNLKD FCLKALGQEADKGLSGCGIVYCRTREACEQLAIELSCRGVNA KAYHAGLKASERTL VQNDWMEEKVPVIVATISFGMGVDKANVRFVAHWNIKASMA GYYQESGRAGRDGKPSWCRLYYSRNRDQVSFLI RKEVAKLQEKRGNKASDKATI

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MAFDALVTFCEELGRWGRGHGKSLRAAWCSQVVSRHAEL

**Applications**

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

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

[RECQL5 RecQ protein-like 5 \[ Homo sapiens \]](#)

**Official Symbol**

[RECQL5](#)

**Synonyms**

RECQL5; RecQ protein-like 5; ATP-dependent DNA helicase Q5; FLJ90603; RecQ protein 5; RecQ5; DNA helicase, RecQ-like type 5; RECQ5;

**Gene ID**

[9400](#)

**mRNA Refseq**

[NM\\_001003715](#)

**Protein Refseq**

[NP\\_001003715](#)

**MIM**

[603781](#)

**UniProt ID**

[O94762](#)

**Chromosome  
Location**

17q25

**Function**

ATP binding; ATP-dependent helicase activity; DNA helicase activity; hydrolase

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activity; nucleic acid binding; nucleotide binding;

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