

Recombinant Human RECQL5 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RECQL5(1 a.a. - 435 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-435 a.a.
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	73.59 kDa
AA Sequence	MSSHHTTFPFDPERVRSTLKKVFGFDSFKTPLQESATMAVVKGKNDVFVCMPTGA GKSLCYQLPALLAKGITIV VSPLIALIQDQVDHLLTLKVRVSSLNSKLSAQERKELLAD LEREKPQTKILYITPEMAASSSFQPTLNSLVSRLHLSYLVVDEAHCVSQWGHDFRPD YLRLGALRSRLGHAPCVALTATATPQVQEDVFAALHLKKPVAIFKTPCFRANL FYDV QFKELISDPYGNLKD FCLKALGQEADKGLSGCGIVYCRTREACEQLAIELSCRGVNA KAYHAGLKASERTL VQNDWMEEKVPVIVATISFGMGVDKANVRFVAHWNIAKSMA GYYQESGRAGRDGKPSWCRLYYSRNDRDQVSFLI RKEVAKLQEKRGNKASDKATI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	MAFDALVTFCEELGRWGRGHGKSLRAAWCSQVVSRAEL
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



activity; nucleic acid binding; nucleotide binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA