

Recombinant Full Length Human RECQL4 Protein, N-GST-tagged

Cat. No. RECQL4-34HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RECQL4 full-length ORF (AAH13277, 1 a.a. - 652 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-652 aa
Description	The protein encoded by this gene is a DNA helicase that belongs to the RecQ helicase family. DNA helicases unwind double-stranded DNA into single-stranded DNAs and may modulate chromosome segregation. This gene is predominantly expressed in thymus and testis. Mutations in this gene are associated with Rothmund-Thomson, RAPADILINO and Baller-Gerold syndromes.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	97.46 kDa
AA Sequence	MTRKQRESVLQKIRAAQVHVLMLTPEALVGAGGLPPAAQLPPVAFACIDEAHCLSQ WSHNFRPCYL RVCKVL RERMGVHCFGLGTATATRR TASDVAQHLVAE EEPDLHGP APVPTNLHLSVSM DRD TDQALLTLLQGKRFQNLDSIIYCNRRREDTERIAALLRTCLHA AWVPGSGGGRAPKTTAEAYHAGMCSRERRRVQRAFMQGGQLRVVVATVAFGMGLDR PDVRAVLHLGLPPSFESYVQAVGRAGRDGQPAHCHLFLQPQGEDLRELRRHVHAD

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STDFLAVKRLVQRVFPACTCTCTRPPSEQEGAVGGERPVPKYPPQEAEQLSHQAA
 PGPRRVCMGHERALPIQLTVQALDMPEEAJETLLCYLELHPHHWLELLATTYTHCRL
 NCPGGPAQLQALAHRCPLAVCLAQQLPEDPGQGSSSVFDMVKLVDSMGWELA
 SVRRALCQLQWDHEPRTGVRRGTGVLVEFSELAFLRSPGDLTAEKDKQICDFLYG
 RVQARERQALARLRRTFQAFHSVAFSPCGPCLEQQDEERSTRKDLLGRYFEEEEEG
 QEPGGMEDAQGPEPGQARLQDWEDQVRCDIRQFLSLRPEEKFSSRAVARIFHGIG
 SPCYPAQVYGQDRRFWRKYLHLSFHALVGLATEELLQVAR

Purity	Glutathione Sepharose 4 Fast Flow
Applications	AP, Array, ELISA, WB-Re
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Preparation	in vitro wheat germ expression system

GENE INFORMATION

Gene Name	RECQL4 RecQ like helicase 4 [Homo sapiens (human)]
Official Symbol	RECQL4
Synonyms	RECQ4
Gene ID	9401
mRNA Refseq	NM_004260.4

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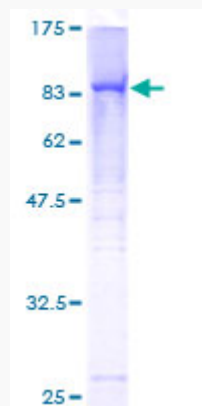
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Protein Refseq NP_004251.4

MIM 603780

UniProt ID O94761

SDS-PAGE



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