

Recombinant Human RECQL Protein (1-649 aa), His-tagged

Cat. No. RECQL-2818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RECQL Protein (1-649 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Insect Cells
ProteinLength	1-649 aa
Description	DNA helicase that may play a role in the repair of DNA that is damaged by ultraviolet light or other mutagens. Exhibits a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	76.0 kDa
AA Sequence	MASVSALTEELDSITSELHAVEIQIQELTERQQELIQKKKVLTKKIKQCLEDSDAGASN EYDSSPAAWNKEDFPWSGKVKDILQNVFKLEKFRPLQLETINVTMAGKEVFLVMPT GGGKSLCYQLPALCSDGFTLVICPLISLMEDQLMVLKQLGISATMLNASSSKEHVKW VHAEMVNKNSELKLIYVTPEKIAKSKMFMSRLEKAYEARFTRIADVHCCSQWGH DFRPDYKALGILKRQFPNASLIGLTATATNHVLTDAQKILCIEKCFTFTASFNRPNLYY EVRQKPSNTEDFIEDIVKLINGRYKGQSGIYCFSQKDSEQVTVSLQNLGIHAGAYHA NLEPEDKTTVHRKWSANEIQVVVATVAFGMGIDKPDVRFVIHHSMSKSMENYYQES

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GRAGRDDMKADCILYYGFGDIFRISSMVVMENVGQQKLYEMVSYCQNISKCRRVLM
 AQHFDEVWNSEACNKMCDNCKDSAFERKNITEYCRDLIKILKQAEELNEKLTPCLKI
 DSWMGKGAALKRVAGVVAPTLPRDLEKIIAHFLIQYLYKEDYSFTAYATISYLGKIGPK
 ANLLNNEAHAITMQVTKSTQNSFRAESSQTCHSEQGDKKMEEKNSGNFQKKAANM
 LQQSGSKNTGAKKRKIDDA

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [RECQL RecQ protein-like \(DNA helicase Q1-like\) \[Homo sapiens \]](#)

Official Symbol [RECQL](#)

Synonyms RECQL; RecQ1; RecQL1; recQ protein-like 1; DNA-dependent ATPase Q1; DNA helicase, RecQ-like type 1; RECQL1;

Gene ID [5965](#)

mRNA Refseq [NM_002907](#)

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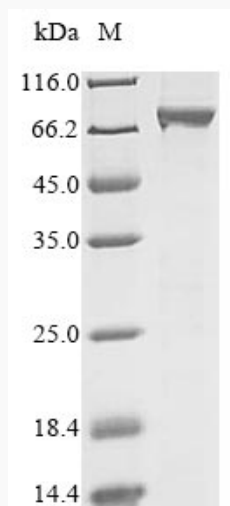
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Protein Refseq NP_002898

MIM 600537

UniProt ID P46063



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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