



Recombinant Human ATP-dependent DNA helicase Q1(RECQL)

Product Code	CSB-BP019537HU
Relevance	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.
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P46063
Storage Buffer	Tris-based buffer?50% glycerol
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MASVSALTEELDSITSELHAVEIQIQELTERQQELIQKKKVLTKKIKQCLEDSDA GASNEYDSSPAAWNKEDFPWSGKVKDILQNVFKLEKFRPLQLETINVTMAGKE VFLVMPTGGGKSLCYQLPALCSDGFTLVICPLISLMEDQLMVLKQLGISATMLN ASSSKEHVKWVHAEMVNKNSELKLIYVTPEKIAKSKMFMSRLEKAYEARRFTRI AVDEVHCCSQWGHDFRPDYKALGILKRQFPNASLIGLTATATNHVLTDAQKILC IEKCFTFTASFNRPNLYYEVRQKPSNTEDFIEDIVKLINGRYKGQSGIYCFSQK DSEQVTVSLQNLGIHAGAYHANLEPEDKTTVHRKWSANEIQVVVATVAFGMGI DKPDVRFVIHHSMSKSMENYYQESGRAGRDDMKADCILYYGFGDIFRISSMVV MENVGQQKLYEMVSYCQNISKCRRLVMAQHFDEVWNSEACNKMCDNCKD SAFERKNITEYCRDLIKLKQAEELNEKLTPCLKLIDSWMGKGAALKRVAGVVAPT LPREDLEKIIAHFLIQYQYKEDYSFTAYATISYKIGPKANLLNNEAHAITMQVTK STQNSFRAESSQTCHSEQGDKKMEEKNSGNFQKKAANMLQQSGSKNTGAKK RKIDDA
Lead Time	3-7 business days
Research Area	Epigenetics and Nuclear Signaling
Source	Baculovirus
Gene Names	RECQL
Protein Names	DNA helicase, RecQ-like type 1 Short name: RecQ1 DNA-dependent ATPase Q1 RecQ protein-like 1 RECQ1, RECQL1
Expression Region	1-649aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.


Tag Info

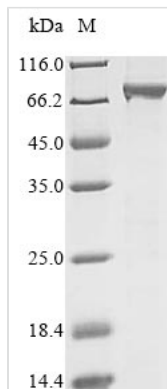
N-terminal 10xHis-tagged

Mol. Weight

76.0 kDa

Protein Description

Full Length

Image


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