

ATP-dependent DNA helicase Q1 (RECQL) Recombinant Protein | RECQL recombinant protein

Recombinant Human ATP-dependent DNA helicase Q1 (RECQL)

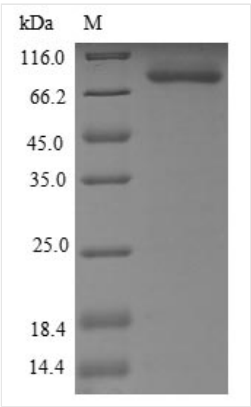
CATALOG # AAA113357	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

ATP-dependent DNA helicase Q1 (RECQL); Recombinant Human ATP-dependent DNA helicase Q1 (RECQL); RECQL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-649. Full Length
Sequence	MASVSALTEE LDSITSELHA VEIQIQLTE RQQELIQKKK VLTKKIKQCL ESDDAGASNE YDSSPAAWNK EDFPWSGKVK DILQNVFKLE KFRPLQLETI NVTMAGKEVF LVMP TGGGKS LCYQLPALCS DGFTLVICPL ISLMEDQLMV LKQLGISATM LNASSSKEHV KVVHAEMVNK NSELKLIYVT PEKIAKSKMF MSRLKAYEA RRFTRIIVDE VHCCSQWGHF FRPDYKALGI LKRQFPNASL IGLTATATNH VLTDQKILC IEKCF TFTAS FNRPNLYYEV RQKPSNTEDF IEDIVKLING RYKGQSGIY CFSQKDSEQV TVSLQNLGIH AGAYHANLEP EDKTTVHRKW SANEIQVVVA TVAFGMGIDK PDVRFVIHHS MSKSMENYYQ ESGRAGRDDM KADCILYYGF GDIFRISSMV VMENVGQQL YEMVSYCQNI SKCRRVLMAQ HFDEVWNSEA CNKMCDNCCK DSAFERKNIT EYCRDLIKIL KQAEELNEKL TPLKLIDSWM GKGAALKRVA GVVAPTLPRE DLEKIIAHFL IQQYLKEDYS FTAYATISYL KIGPKANLLN NEAHAITMQV TKSTQNSFRA ESSQTCHSEQ GDKKMEEKNS GNFQKKAANM LQQSGSKNTG AKKRKIDDA
Species	Human
Production Note	Special Offer: The Baculovirus, E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus, E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus, E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus, E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RECQL recombinant protein	This protein is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. Some members of this family are associated with genetic disorders with predisposition to malignancy and chromosomal instability. The biological function of this helicase has not yet been determined. Two alternatively spliced transcripts, which encode the same isoform but differ in their 5 and 3 UTRs, have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14591904
NCBI GeneID	5965
NCBI Accession #	NP_002898.2
NCBI GenBank Nucleotide #	NM_002907.3
UniProt Accession #	P46063; A8K6G2
Molecular Weight	73.5 kDa
NCBI Official Full Name	ATP-dependent DNA helicase Q1
NCBI Official Synonym Full Names	RecQ like helicase
NCBI Official Symbol	RECQL
NCBI Official Synonym Symbols	RecQ1; RECQL1
NCBI Protein Information	ATP-dependent DNA helicase Q1
UniProt Protein Name	ATP-dependent DNA helicase Q1
UniProt Gene Name	RECQL
UniProt Synonym Gene Names	RECQ1; RECQL1; RecQ1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.