

Datasheet for ABIN7564357

## ERCC6L Protein (AA 1-1240) (His tag)



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### Overview

Quantity:	1 mg
Target:	ERCC6L
Protein Characteristics:	AA 1-1240
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERCC6L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Ercc6l Protein expressed in mammalian cells.
Sequence:	<p>MEASQGLAEV ETLSPQLAES YLRYVQEAKE AAKNGDLEES LKLFNLAKDI FPTKKVMSRI</p> <p>QKLQEALQL AEEEDDDEFI DVCSSGLLLY RELYEKLFEB QKEGIAFLYS LYKDGRKGGI</p> <p>LADDMGLGKT VQIIAFLSGM FDASLVNHVL LIMPTNLINT WVNEFAKWTP GMRVKTFHGS</p> <p>SKSERTRSLT RIQQRNGVVI TTYQMLNNW QQLASFNGQA FVWDYVILDE AHKIKSASTK</p> <p>SAVCARAIPA SNRLLLTGTP VQNNLQELWS LDFACQGS LGLTKTFKME YEHPIIRARE</p> <p>KDATPGEKAL GLKISENLME IIPYFLRRT KEEVQTKKAD NPEARLGEKN PAGEAICDMF</p> <p>SLARKNDLIV WIRLLPLQEE IYRKVSLDH IKELLMETRS PLAELGVLKK LCDHPRLLSA</p> <p>RACRLNLGT ATFSAQDENE QEDVSNMNSI DHLPDKTLIQ ESGKMIFLMS LLERLQDEGH</p> <p>QTLVFSQSIK ILNIIERLLK NKHFKTLRID GTVTHLWERE KRIQLFQKNK EYSVFLTTQ</p> <p>VGGVGLTLTA ATRVVIFDPS WNPATDAQAV DRVYRIGQKE NVVVYRLITC GTVEEKIYRR</p> <p>QVFKDSLIRQ TTGEKKNPFR YFTKQELKEL FTVGDLQKSA TQMQLQCLHA AQRRSDEKLD</p>

EHIAYLHLLG IAGISDHDLM FTRDL SVKEE LDMLEDSQYI HQRVQKAQFL VESESQNTVQ  
RQTTGIEETW LKAQEFPSQQ KKKGTEFNKP QPQPSRLLTK PTQVEAISSQ MASITICDQS  
AESEPQEHSE VHDVTSLQGS HHFNSTSDAG TIASLPQGAE SIGEVSTDSL LSPAKGFAAE  
NDAMQKKGLQ ASPGQEAPSE NLGSFHLYPR ESSKASLGN LDLQDSVVLY HRSPTANENQ  
NLESDVPMIE ISDDLSEPPS ALQGAQAIEA QLELKEDDPL KSPPQYACDF NLFLEDSADT  
RQNLSSKFLE HVEKEKSLQS PAANSRAKSA LTSLDSSPK SDEESEVISV KTKSKTRRIL  
SDEDEDEED AFKGSHTNSI NISPFPFSSV KQFDASTPQS GSNPSRRFFS PKTPGEVNTS  
LHSRRSLASR RSLINVVLDD VEDMEERLDN SSEESEPL SEENNEEEAL ACTEEQPSGA  
TLASGNKSSN LTMSEPTSPA PQSSPCAPEP SSSDPMPDPP QDLAVEAGND YESLVARGKE  
LKECGKIQEA LNCLVKALDI KSADPEVMLM TLSLYKQLNI **Sequence without tag. The proposed  
Purification-Tag is based on experiences with the expression system, a different complexity  
of the protein could make another tag necessary. In case you have a special request, please  
contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	ERCC6L
Alternative Name:	Ercc6l ( <a href="#">ERCC6L Products</a> )

## Target Details

Background:	DNA excision repair protein ERCC-6-like (EC 3.6.4.12) (ATP-dependent helicase ERCC6-like),FUNCTION: DNA helicase that acts as a tension sensor that associates with catenated DNA which is stretched under tension until it is resolved during anaphase. Functions as ATP-dependent DNA translocase. Can promote Holliday junction branch migration (in vitro). {ECO:0000250 UniProtKB:Q2NKX8}.
Molecular Weight:	138.9 kDa
UniProt:	<a href="#">Q8BHK9</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months