

Datasheet for ABIN7553816

ERCC6L Protein (AA 1-1250) (His tag)



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Overview

Quantity:	1 mg
Target:	ERCC6L
Protein Characteristics:	AA 1-1250
Origin:	Human
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:	MEASRRFPEA EALSPEQAAH YLRYVKEAKE ATKNGDLEEA FKLFLNLAKEI FPNEKVLRSRI QKIQEAL EEL AEQGDDEFTD VCNSGLLLYR ELHNQLFEHQ KEGIAFLYSL YRDGRKGGIL ADDMGLGKTV QIAFLSGMF DASLVNHVLL IMPTNLINTW VKEFIKWTPG MRVKTFHGPS KDERTRNLR IQQRNGVIIT TYQMLINNQQ QLSSFRGQEF VWDYVILDEA HKIKTSSTKS AICARAIPAS NRLLLTGTPI QNNLQELWSL FDFACQGSLL GTLKTFKMEY ENPITRAREK DATPGEKALG FKISENLMAI IKPYFLRRTK EDVQKKKSSN PEARLNEKNP DVDAICEMPS LSRKNDLIW IRLVPLQEEI YRKVSLDHI KELLMETRSP LAELGVLKKL CDHPRLLSAR ACCLLNLTGF SAQDGNEDG SPDVDHIDQV TDDTLMEESG KMIFLMDLLK RLRDEGHQTL VFSQSRQILN IERLLKNRH FKTLRIDGTV THLLEREKRI NLFQQNKDYS VFLTTQVGG VGLTLTAATR VVIFDPSWNP ATDAQAVDRV YRIGQKENVV VYRLITCGTV EEKIYRRQVF KDSLIRQTTG EKKNPFYFYS KQELRELFTI EDLQNSVTQL QLQSLHAAQR KSDIKLDEHI

AYLQSLGIAG ISDHDLMYTC DLSVKEELDV VEESHYIQQR VQKAQFLVEF ESQNKEFLME
QQRTRNEGAW LREPVFSSST KKKCPKLNKP QPQPSPLLST HHTQEEDISS KMASVVIDDL
PKEGEKQDLS SIKVNVTTLQ DGKGTGSADS IATLPKGFGS VEELCTNSSL GMEKSFATKN
EAVQKETLQE GPKQEALQED PLESFNYVLS KSTKADIGPN LDQLKDDEIL RHCNPWPIIS
ITNESQNAES NVSIIEIADD LSASHSALQD AQASEAKLEE EPSASSPQYA CDFNLFLEDS
ADNRQNFSSQ SLEHVEKENS LCGSAPNSRA GFVHSKTCLS WEFSEKDDEP EEVVVKAKIR
SKARRIVSDG EDEDDSFKDT SSINPFNTSL FQFSSVKQFD ASTPKNDISP PGRFFSSQIP
SSVNKSMNSR RSLASRRSLI NMVLDHVEDM EERLDDSSEA KGPEDYPEEG VEESSGEASK
YTEEDPSGET LSSSENKSSWL MTSKPSALAQ ETSLGAPEPL SGEQLVGSPQ DKAAEATNDY
ETLVKRGKEL KECGKIQEAL NCLVKALDIK SADPEVMLLT LSLYKQLNNN **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:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

ERCC6L

Alternative Name:

ERCC6L ([ERCC6L Products](#))

Target Details

Background: DNA excision repair protein ERCC-6-like (EC 3.6.4.12) (ATP-dependent helicase ERCC6-like) (PLK1-interacting checkpoint helicase) (Tumor antigen BJ-HCC-15),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 (PubMed:17218258, PubMed:23973328). Functions as ATP-dependent DNA translocase (PubMed:23973328, PubMed:28977671). Can promote Holliday junction branch migration (in vitro) (PubMed:23973328). {ECO:0000269|PubMed:17218258, ECO:0000269|PubMed:23973328, ECO:0000269|PubMed:28977671}.

Molecular Weight: 141.1 kDa

UniProt: [Q2NKX8](#)

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