Recombinant Full Length Human ERCC6L Protein, GST-tagged

Cat. No. ERCC6L-4562HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERCC6L full-length ORF (AAH08808, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	419 amino acids
Description	This gene encodes a member of the SWItch/Sucrose Non-Fermentable (SWI/SNF2) family of proteins, and contains a SNF2-like ATPase domain and a PICH family domain. One distinguishing feature of this SWI/SNF protein family member is that during interphase, the protein is excluded from the nucleus, and only associates with chromatin after the nuclear envelope has broken down. This protein is a DNA translocase that is thought to bind double-stranded DNA that is exposed to stretching forces, such as those exerted by the mitotic spindle. This protein associates with ribosomal DNA and ultra-fine DNA bridges (UFBs), fine structures that connect sister chromatids during anaphase at some sites such as fragile sites, telomeres and centromeres. This gene is required for the faithful segregation of sister chromatids during mitosis, and the ATPase activity of this protein required for the resolution of UFBs before cytokinesis. [provided by RefSeq, May 2017]
Molecular Mass	71.61 kDa
AA Sequence	MEKSFATKNEAVQKETLQEGPKQEALQEDPLESFNYVLSKSTKADIGPNLDQLKDD

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	EILRHCNPWPIISITNESQNAESNVSIIEIADDLSASHSALQDAQASEAKLEEEPSASSP QYACDFNLFLEDSADNRQNFSSQSLEHVEKENSLCGSAPNSRAGFVHSKTCLSWE FSEKDDEPEEVVVKAKIRSKARRIVSDGEDEDDSFKDTSSINPFNTSLFQFSSVKQFD ASTPKNDISPPGRFFSSQIPSSVNKSMNSRRSLASRRSLINMVLDHVEDMEERLDDS SEAKGPEDYPEEGVEESSGEASKYTEEDPSGETLSSENKSSWLMTSKPSALAQETS LGAPEPLSGEQLVGSPQDKAAEATNDYETLVKRGKELKECGKIQEALNCLVKALDIK SADPEVMLLTLSLYKQLNNN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ERCC6L excision repair cross-complementing rodent repair deficiency, complementation group 6-like [Homo sapiens]
Official Symbol	ERCC6L
Synonyms	ERCC6L; excision repair cross-complementing rodent repair deficiency, complementation group 6-like; DNA excision repair protein ERCC-6-like; FLJ20105; PICH; PLK1 interacting checkpoint helicase; tumor antigen BJ-HCC-15; SNF2/RAD54 family protein; ATP-dependent helicase ERCC6-like; excision repair protein ERCC6-like; Plk1-interacting checkpoint helicase; excision repair cross-complementing rodent

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	repair deficiency complementation group 6 - like; MGC131695;
Gene ID	54821
mRNA Refseq	NM_017669
Protein Refseq	NP_060139
MIM	300687
UniProt ID	Q2NKX8

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