

Recombinant Human ERCC6, His-tagged

Cat. No. ERCC6-2672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERCC6 with a His tag is expressed in <i>E. coli</i> . MW: 130±5 KDa.
Species	Human
Source	E.coli
Description	The ERCC6 protein is a DNA-binding protein important in transcription-coupled excision repair. The protein has ATP-stimulated ATPase activity; there are contradictory publications reporting presence or absence of helicase activity. The protein appears to interact with several transcription and excision repair proteins, and may promote complex formation at repair sites.
Formulation	20% Glycerol solution at 0.20 mg/ml.
Activity	It may be used on the repair of RNA-polymerase II transcribed genes.
Storage	Store at -80°C. At least 1 year at -80°C.

GENE INFORMATION

Gene Name	ERCC6 excision repair cross-complementing rodent repair deficiency, complementation group 6 [<i>Homo sapiens</i>]
Synonyms	ERCC6; excision repair cross-complementing rodent repair deficiency, complementation group 6; ATP-dependent helicase ERCC6; Cockayne syndrome B

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	protein; Cockayne syndrome group B protein; DNA excision repair protein ERCC-6; Rad26 homolog; cockayne syndrome protein CSB
Gene ID	2074
mRNA Refseq	NM_000124
Protein Refseq	NP_000115
MIM	609413
UniProt ID	Q03468
Chromosome Location	10q11.23
Pathway	Nucleotide excision repair; DNA Repair
Function	ATP binding; DNA binding; NOT DNA helicase activity; DNA-dependent ATPase activity; chromatin binding; protein C-terminus binding; protein N-terminus binding; transcription elongation regulator activity