

Recombinant Human ERCC8 Protein, GST-tagged

Cat. No. ERCC8-3463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERCC8 full-length ORF (AAH09793.1, 1 a.a. - 205 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2014]
Molecular Mass	48.29 kDa
AA Sequence	MLGFLSARQTGLEDPRLRRAESTRRVLGLELNKDRDVERIHGGGINTLDIEPVEGR YMLSGGSDGVIVLYDLENSSRQSYTCKAVCSIGRDHPDVHRYSVETVQWYPHDT GMFTSSSFDKTLKVWDTNTLQTADVFNFEETVYSHHMSPVSTKHCLVAVGTRGPKV QLCDLKSGSCSHILQGIFILFQTATTLSKRFNKKRY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

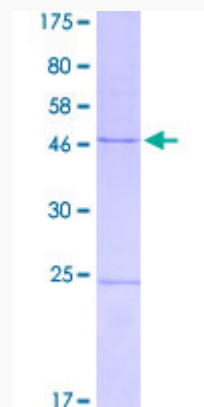
Gene Name	ERCC8 excision repair cross-complementing rodent repair deficiency, complementation group 8 [Homo sapiens]
Official Symbol	ERCC8
Synonyms	ERCC8; excision repair cross-complementing rodent repair deficiency, complementation group 8; KKN1, Cockayne syndrome 1 (classical); DNA excision repair protein ERCC-8; CSA; Cockayne syndrome WD-repeat protein CSA; cockayne syndrome WD repeat protein CSA; KKN1;
Gene ID	1161
mRNA Refseq	NM_000082
Protein Refseq	NP_000073
MIM	609412
UniProt ID	Q13216

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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