Recombinant Full Length Human ERCC8 Protein

Cat. No. ERCC8-160HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ERCC8 with N terminal proprietary tag, 69.56 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	396 amino acids
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.
Form	Liquid
Molecular Mass	69.560kDa inclusive of tags
AA Sequence	MLGFLSARQTGLEDPLRLRRAESTRRVLGLELNKDRDVER IHGGGINTLDIEPVEGR YMLSGGSDGVIVLYDLENSSRQS YYTCKAVCSIGRDHPDVHRYSVETVQWYPHDT GMFTSSSF DKTLKVWDTNTLQTADVFNFEETVYSHHMSPVSTKHCLVA VGTRGPK VQLCDLKSGSCSHILQGHRQEILAVSWSPRYDY ILATASADSRVKLWDVRRASGCLI TLDQHNGKKSQAVESA NTAHNGKVNGLCFTSDGLHLLTVGTDNRMRLWNSSNGE NT LVNYGKVCNNSKKGLKFTVSCGCSSEFVFVPYGSTIAVYT VYSGEQITMLKGHY KTVDCCVFQSNFQELYSGSRDCNILA WVPSLYEPVPDDDETTTKSQLNPAFEDAW

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	SSSDEEG
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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; CKN1, Cockayne syndrome 1 (classical); DNA excision repair protein ERCC-8; CSA
Gene ID	1161
mRNA Refseq	NM_000082
Protein Refseq	NP_000073
MIM	609412
UniProt ID	Q13216

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