

Recombinant Human ERCC8 protein, His-tagged

Cat. No. ERCC8-12527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERCC8 protein(1-205 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-205 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MLGFLSARQTGLEDPRLRRAESTRRVLGLELNKDRDVERIHGGGINTLDIEPVEGR YMLSGGSDGVIVLYDLENSRQSYTCKAVCSIGRDHPDVHRYSVETVQWYPHDT GMFTSSSFDKTLKVWDTNTLQTADVFNFEETVYSHHMSPVSTKHCLVAVGTRGPKV QLCDLKSGSCSHILQGIFILFQTATTLSKRFNKKRY
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; Cockayne syndrome WD-repeat protein CSA; cockayne syndrome WD repeat protein CSA; CKN1;

Gene ID

1161

mRNA Refseq

NM_000082

Protein Refseq

NP_000073

MIM

609412

UniProt ID

Q13216

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