

Recombinant Mouse Ercc8 Protein, His&GST-tagged

Cat. No. Ercc8-1437M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ercc8 Protein (Met1-Gly397) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Gly397
Description	Predicted to contribute to ubiquitin-protein transferase activity. Acts upstream of or within response to UV and response to X-ray. Predicted to be located in cytoplasm; nuclear matrix; and perikaryon. Predicted to be part of Cul4A-RING E3 ubiquitin ligase complex and nucleotide-excision repair complex. Used to study Cockayne syndrome. Human ortholog(s) of this gene implicated in Cockayne syndrome; Cockayne syndrome A; and UV-sensitive syndrome. Orthologous to human ERCC8 (ERCC excision repair 8, CSA ubiquitin ligase complex subunit).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 73.7 kDa Accurate Molecular Mass: 74 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Ercc8 excision repair cross-complementing rodent repair deficiency, complementation group 8 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ercc8
Synonyms	ERCC8; excision repair cross-complementing rodent repair deficiency, complementation group 8; DNA excision repair protein ERCC-8; Cockayne syndrome 1 homolog; cockayne syndrome WD repeat protein CSA homolog; Csa; Ckn1; 2410022P04Rik; 2810431L23Rik; 4631412O06Rik; B130065P18Rik;
Gene ID	71991
mRNA Refseq	NM_028042
Protein Refseq	NP_082318
UniProt ID	Q8CFD5

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