

Recombinant Mouse Ercc6 Protein, His-tagged

Cat. No. Ercc6-1435M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ercc6 Protein (Gln13-Tyr179) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln13-Tyr179
Description	Predicted to enable several functions, including ATP binding activity; protein C-terminus binding activity; and protein tyrosine kinase activator activity. Acts upstream of or within several processes, including intracellular signal transduction; nucleic acid metabolic process; and photoreceptor cell maintenance. Predicted to be located in nuclear body; nucleolus; and site of DNA damage. Predicted to be part of transcription elongation factor complex. Predicted to be active in nucleus. Is expressed in genitourinary system. Used to study Cockayne syndrome. Human ortholog(s) of this gene implicated in several diseases, including Cockayne syndrome (multiple); De Sanctis-Cacchione syndrome; UV-sensitive syndrome; age related macular degeneration 5; and primary ovarian insufficiency 11. Orthologous to human ERCC6 (ERCC excision repair 6, chromatin remodeling factor).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.8 kDa Accurate Molecular Mass: 32 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	Ercc6 excision repair cross-complementing rodent repair deficiency, complementation group 6 [Mus musculus (house mouse)]
Official Symbol	Ercc6
Synonyms	ERCC6; excision repair cross-complementing rodent repair deficiency, complementation group 6; DNA excision repair protein ERCC-6; CS group B correcting; CSB; 4732403I04; C130058G22Rik;
Gene ID	319955
mRNA Refseq	NM_001081221

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_001074690
----------------	--------------

UniProt ID	F8VPZ5
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA