

Recombinant Human ERCC5 Protein (Leu778-Ala986), His tagged

Cat. No. ERCC5-2298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ERCC5 (Leu778-Ala986) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu778-Ala986
Description	Single-stranded structure-specific DNA endonuclease involved in DNA excision repair. Makes the 3'incision in DNA nucleotide excision repair (NER). Acts as a cofactor for a DNA glycosylase that removes oxidized pyrimidines from DNA. May also be involved in transcription-coupled repair of this kind of damage, in transcription by RNA polymerase II, and perhaps in other processes too.
Molecular Mass	25.07 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	ERCC5 excision repair cross-complementing rodent repair deficiency, complementation group 5 [Homo sapiens (human)]
Official Symbol	ERCC5
Synonyms	ERCC5; excision repair cross-complementing rodent repair deficiency, complementation group 5; ERCM2, xeroderma pigmentosum, complementation group G, XPGC; DNA repair protein complementing XP-G cells; Cockayne syndrome; XPG-complementing protein; DNA excision repair protein ERCC-5; xeroderma pigmentosum, complementation group G; XPG; UVDR; XPGC; COFS3; ERCM2;
Gene ID	2073
mRNA Refseq	NM_000123
Protein Refseq	NP_000114
MIM	133530
UniProt ID	P28715

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