# Recombinant Human ERCC5 protein, His-tagged

**Cat. No.** ERCC5-2868H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ERCC5 protein(P28715)(947-1186aa), fused to N-terminal His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 947-1186aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 30.8 kDa |
| **AA Sequence** | SFLWGKPDLDKIREFCQRYFGWNRTKTDESLFPVLKQLDAQQTQLRIDSFFRLAQQ EKEDAKRIKSQRLNRAVTCMLRKEKEAAASEIEAVSVAMEKEFELLDKAKGKTQKRG ITNTLEESSSLKRKRLSDSKGKNTCGGFLGETCLSESSDGSSSEDAESSSLMNVQR RTAAKEPKTSASDSQNSVKEAPVKNGGATTSSSSDSDDDGGKEKMVLVTARSVFG KKRRKLRRARGRKRKT |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid |

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

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| | repeated freeze-thaw cycles. |
| **Reconstitution** | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

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| **Gene Name** | ERCC5 excision repair cross-complementing rodent repair deficiency, complementation group 5 [ Homo sapiens ] |
| **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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