

## Recombinant Human XRCC4 protein(11-330 aa), C-His-tagged

**Cat. No.** XRCC4-2852H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant Human XRCC4 protein(Q13426)(11-330 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 11-330 aa                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                                                                                                                                                                                |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                    |
| <b>AA Sequence</b>      | ERKISRIHLVSEPSITHFLQVSWEKTLESGFVITLTDGHSAWTGTVSESEISQEADDM<br>AMEKGKYVGELRKALLSGAGPADVYTFNFSKESCYFFFEKNLKDVSFRLGSFNLEK<br>VENPAEVIRELICyclDTIAENQAKNEHLQKENERLLRDWNDVQGRFEKCVSAKEAL<br>ETDLYKRFILVLNEKKTIRSLHNKLLNAAQEREKDIKQEGETAICSEMTADRPVYD<br>ESTDEESENQTDLSGLASAAVSKDDSISSLDVTDIAPSRKRRQRMQRNLGTEPKMA<br>PQENQLQEKENSRPDSSLPETSKKEHISAENMSLETLRNSSPEDLFDEI |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | XRCC4 X-ray repair complementing defective repair in Chinese hamster cells 4 [ Homo sapiens ]                                                                                                                                                                                            |
| <b>Official Symbol</b> | XRCC4                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | XRCC4; X-ray repair complementing defective repair in Chinese hamster cells 4; DNA repair protein XRCC4; X ray repair; complementing defective; repair in Chinese hamster; X-ray repair cross-complementing protein 4; X-ray repair, complementing defective, repair in Chinese hamster; |
| <b>Gene ID</b>         | 7518                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_003401                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_003392                                                                                                                                                                                                                                                                                |
| <b>MIM</b>             | 194363                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | Q13426                                                                                                                                                                                                                                                                                   |

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