

Recombinant Human XRCC5 protein, His-tagged

Cat. No. XRCC5-3773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC5 protein(P13010)(251-455aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	251-455aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	27.4 kDa
AA Sequence	LTIGSNLSIRIAAYKSILQERVKKTTWTVVDAKTLKKEDIQKETVYCLNDDDETEVLKEDI IQGFRYGSDIVPFSKVDEEQMKYKSEGKCFSVLGFCKSSQVQRRFFMGNQVLKVFA ARDDEAAVALSSLIHALDDLDMAIVRYAYDKRANPQVGVAFFPHIKHNYECLVYVQ LPFMEDLRQYMFSSLKNSKKYAPTEAQLNAVD
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 repeated freeze-thaw cycles.

 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

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

Gene Name [XRCC5 X-ray repair complementing defective repair in Chinese hamster cells 5 \(double-strand-break rejoining\) \[Homo sapiens \]](#)

Official Symbol [XRCC5](#)

Synonyms XRCC5; X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining); X ray repair complementing defective repair in Chinese hamster cells 5 (double strand break rejoining; Ku autoantigen, 80kD); X-ray repair cross-complementing protein 5; KARP 1; Ku autoantigen; 80kDa; KU80; Ku86; KUB2; TLAA; CTC85; CTCBF; nuclear factor IV; Ku autoantigen, 80kDa; DNA repair protein XRCC5; thyroid-lupus autoantigen; 86 kDa subunit of Ku antigen; lupus Ku autoantigen protein p86; Ku86 autoantigen related protein 1; CTC box-binding factor 85 kDa subunit; ATP-dependent DNA helicase 2 subunit 2; ATP-dependent DNA helicase II 80 kDa subunit; NFIV; KARP1; KARP-1; FLJ39089;

Gene ID [7520](#)

mRNA Refseq [NM_021141](#)

Protein Refseq [NP_066964](#)

MIM [194364](#)

UniProt ID [P13010](#)

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