

## Recombinant Human XRCC5 protein, His&Myc-tagged

Cat. No. XRCC5-3774H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human XRCC5 protein(P13010)(251-455aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	251-455aa
<b>Form</b>	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.
<b>Molecular Mass</b>	30.4 kDa
<b>AA Sequence</b>	LTIGSNLSIRIAAYKSILQERVKKTWTVVDAKTLKKEDIQKETVYCLNDDDETEVLKEDI IQGFRYGSDIVPFSKVDEEQMKYKSEGKCFSVLGFCKSSQVQRRFFMGNQVLKVFA ARDDEAAVALSSLIHALDDLDMVAIVRYAYDKRANPQVGVAFFPHIKHNYECLVYVQ LPFMEDLRQYMFSSLKNSKKYAPTEAQLNAVD
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**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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