Recombinant Human XRCC5 protein

Cat. No. XRCC5-1549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC5 protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	Ku80 forms a protein complex with Ku70. The Ku70-Ku80 complex binds to DNA ends and doublestranded DNA breaks. This complex is involved in nonhomologous end joining (NHEJ) for double-strand DNA break repair, and is also involved in NHEJ during V(D)J recombination of immunoglobulin genes.
Form	50 mM Tris-HCl (pH 7.5), 5 mM β-mercaptoethanol, 500 mM NaCl, and 10% glycerol.
Molecular Mass	83 kDa

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

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

	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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