

## Recombinant Human XRCC6 protein

Cat. No. XRCC6-1548H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human XRCC6 protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Ku70 forms a protein complex with Ku80. 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.
<b>Form</b>	50 mM Tris-HCl (pH 7.5), 5 mM β-mercaptoethanol, 500 mM NaCl, and 10% glycerol.
<b>Molecular Mass</b>	70 kDa

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">XRCC6 X-ray repair complementing defective repair in Chinese hamster cells 6 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">XRCC6</a>
<b>Synonyms</b>	XRCC6; X-ray repair complementing defective repair in Chinese hamster cells 6; G22P1, thyroid autoantigen 70kD (Ku antigen) , thyroid autoantigen 70kDa (Ku antigen); X-ray repair cross-complementing protein 6; D22S671; D22S731; Ku

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autoantigen; 70kDa; KU70; ML8; 5-dRP lyase Ku70; Ku autoantigen, 70kDa; DNA repair protein XRCC6; Ku autoantigen p70 subunit; 70 kDa subunit of Ku antigen; thyroid-lupus autoantigen p70; lupus Ku autoantigen protein p70; 5-deoxyribose-5-phosphate lyase Ku70; CTC box binding factor 75 kDa subunit; CTC box-binding factor 75 kDa subunit; thyroid autoantigen 70kD (Ku antigen); ATP-dependent DNA helicase 2 subunit 1; thyroid autoantigen 70kDa (Ku antigen); ATP-dependent DNA helicase II 70 kDa subunit; ATP-dependent DNA helicase II, 70 kDa subunit; TLAA; CTC75; CTCBF; G22P1;

**Gene ID** [2547](#)

**mRNA Refseq** [NM\\_001469](#)

**Protein Refseq** [NP\\_001460](#)

**MIM** [152690](#)

**UniProt ID** [P12956](#)

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