

Recombinant Mouse Xrcc5 protein, His & T7-tagged

Cat. No. Xrcc5-8229M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Xrcc5 aa. (Leu251~Ile732 (Accession # P27641)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu251~Ile732
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

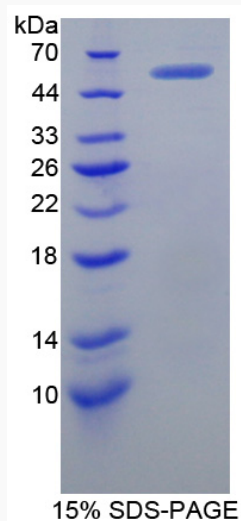
Gene Name	Xrcc5 X-ray repair complementing defective repair in Chinese hamster cells 5 [Mus musculus (house mouse)]
Official Symbol	Xrcc5
Synonyms	Xrcc5; X-ray repair complementing defective repair in Chinese hamster cells 5; Ku80; Ku86; AI314015; X-ray repair cross-complementing protein 5; ATP-dependent DNA helicase 2 subunit 2; ATP-dependent DNA helicase II 80 kDa subunit; CTC box-binding factor 85 kDa subunit; CTC85; CTCBF; DNA repair protein XRCC5; Ku p80; ku autoantigen protein p86 homolog; nuclear factor IV
Gene ID	22596
mRNA Refseq	NM_009533.2
Protein Refseq	NP_033559.2
UniProt ID	P27641

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SDS-PAGE



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