

Recombinant Mouse Xrcc6 Protein, His-tagged

Cat. No. Xrcc6-448M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Xrcc6(Thr319~Val538) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr319~Val538
Description	Xrcc6 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	29.1kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

[Xrcc6](#) X-ray repair complementing defective repair in Chinese hamster cells 6 [*Mus musculus*]

Official Symbol

[Xrcc6](#)

Synonyms

XRCC6; X-ray repair complementing defective repair in Chinese hamster cells 6; X-ray repair cross-complementing protein 6; CTC75; CTCBF; Ku p70; 5-dRP/AP lyase Ku70; DNA repair protein XRCC6; thyroid autoantigen 70 kDa; ku autoantigen protein p70 homolog; 5-deoxyribose-5-phosphate lyase Ku70; CTC box-binding factor 75 kDa subunit; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; Ku70; 70kDa; G22p1;

Gene ID

[14375](#)

mRNA Refseq

[NM_010247](#)

Protein Refseq

[NP_034377](#)

UniProt ID

[P23475](#)

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