

Recombinant Human XRCC2 293 Cell Lysate

Cat. No. XRCC2-257HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for X-ray repair complementing defective repair in Chinese hamster cells 2 (XRCC2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

XRCC2 X-ray repair complementing defective repair in Chinese hamster cells 2 [Homo sapiens]

Official Symbol

XRCC2

Synonyms

XRCC2; X-ray repair complementing defective repair in Chinese hamster cells 2; DNA repair protein XRCC2; RAD51 like; X-ray repair cross-complementing protein 2; X-ray repair, complementing defective, repair in Chinese hamster; DKFZp781P0919;

Gene ID

7516

mRNA Refseq

NM_005431

Protein Refseq

NP_005422

MIM

600375

UniProt ID

O43543

Chromosome Location

7q36

Pathway

Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem;

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