

Recombinant Human XRCC1, His-tagged

Cat. No. XRCC1-3756H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	XRCC1 X-ray repair complementing defective repair in Chinese hamster cells 1 [Homo sapiens]
Official Symbol	XRCC1
Synonyms	XRCC1; X-ray repair complementing defective repair in Chinese hamster cells 1; RCC; DNA repair protein XRCC1; X-ray repair cross-complementing protein 1; X-ray-repair, complementing defective, repair in Chinese hamster;

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Gene ID	7515
mRNA Refseq	NM_006297
Protein Refseq	NP_006288
MIM	194360
UniProt ID	P18887
Chromosome Location	19q13.2
Pathway	BER complex, organism-specific biosystem; BER complex, conserved biosystem; Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; DNA Repair, organism-specific bios
Function	damaged DNA binding; protein binding;

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