Recombinant Human XRCC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. XRCC2-3240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	XRCC2 MS Standard C13 and N15-labeled recombinant protein (NP_005422) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster irs1, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents.
Molecular Mass	32 kDa
AA Sequence	MCSAFHRAESGTELLARLEGRSSLKEIEPNLFADEDSPVHGDILEFHGPEGTGKTEM LYHLTARCILPKSEGGLEVEVLFIDTDYHFDMLRLVTILEHRLSQSSEEIIKYCLGRFFL VYCSSSTHLLLTLYSLESMFCSHPSLCLLILDSLSAFYWIDRVNGGESVNLQESTLRK CSQCLEKLVNDYRLVLFATTQTIMQKASSSSEEPSHASRRLCDVDIDYRPYLCKAWQ QLVKHRMFFSKQDDSQSSNQFSLVSRCLKSNSLKKHFFIIGESGVEFCTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

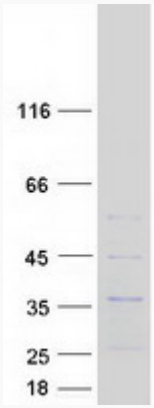
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	XRCC2 X-ray repair complementing defective repair in Chinese hamster cells 2 [Homo sapiens (human)]
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

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SDS-PAGE	

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