OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR51329PU-N

XRCC2 (1-280, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	XRCC2 (1-280, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	HHHHH SSGLVPRGSH MGSMCSAFHR AESGTELLAR LEGRSSLKEI EPNLFADEDS PVHGDILEFH GPEGTGKTEM LYHLTARCIL PKSEGGLEVE VLFIDTDYHF DMLRLVTILE HRLSQSSEEI IKYCLGRFFL VYCSSSTHLL LTLYSLESMF CSHPSLCLLI LDSLSAFYWI DRVNGGESVN LQESTLRKCS QCLEKLVNDY RLVLFATTQT IMQKASSSSE EPSHASRRLC DVDIDYRPYL CKAWQQLVKH RMFFSKQDDS QSSNQFSLVS RCLKSNSLKK HFFIIGESGV EFC
Tag:	His-tag
Predicted MW:	34.3 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human XRCC2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005422
Locus ID:	7516
UniProt ID:	O43543, A0A384MEK2
Cytogenetics:	7q36.1
Synonyms:	FANCU; POF17; SPGF50

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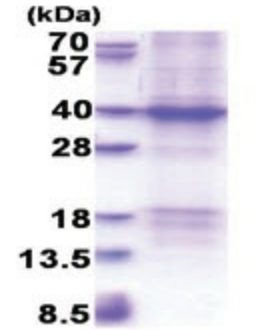
Summary: This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster irs1, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Homologous recombination

Product images:



15% SDS-PAGE (3ug)