

Product datasheet for AR51329PU-S

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

OriGene Technologies, Inc.

CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: XRCC2 (1-280, His-tag) human recombinant protein, 0.1 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: <u>043543</u>, <u>A0A384MEK2</u>

Cytogenetics: 7q36.1

Synonyms: FANCU; POF17; SPGF50





Summary: This gene encodes a member of the RecA/Rad51-related protein family that participates in

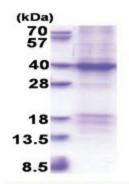
homologous recombination to maintain chromosome stability and repair DNA damage. This gene is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster irs1, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents. [provided by RefSeq, Jul

2008]

Protein Families: Druggable Genome

Protein Pathways: Homologous recombination

Product images:



15% SDS-PAGE (3ug)