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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RAD21 (Human) Recombinant Protein (P01)

Catalog Number: H00005885-P01

Regulation Status: For research use only (RUO)

Product Description: Human RAD21 full-length ORF (NP_006256.1, 1 a.a. - 631 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFYAHFVLSKRGPLAKIWLAHWDKKLTKAHVFECNL
ESSVESIISPKVKMALRTSGHLLLGVVRIYHRKAKYLLA
DCNEAFIKIKMAFRPGVVDLPEENREAAAYNAITLPEEFH
DFDQPLPDLDDIDVAQQFSLNQSRVEEITMREEVGNIS
ILQENDFGDFGMDREIMREGSAFEDDDMLVSTTTSN
LLESEQSTSNLNEKINHLEYEDQYKDDNFGEGNDGGI
LDDKLISNNDGGIFDDPPALSEAGVMLPEQPAHDDMD
EDDNVSMGGPDSPDSVDPVEPMTMTDQTTLVPNEE
EFALEPIDITVKETKAKRKRKLIVDSVKELDSKTIRAQL
SDYSDIVTTLDLAPPTKKLMMWKETGGVEKLFSLPAQ
PLWNNRLLKLFTRCLTLPVPEDLRKRKGGGEADNLDE
FLKEFENPEVPREDQQQHQQRDVIDEPIIEEPSRLQE
SVMEASRTNIDESAMPPPPQGVKRKAGQIDPEPVMP
PQQVEQMEIPPVELPPEEPPNICQLIPELELLPEKEKEK
EKEKEDDEEEDEDEDASGGDQDQEERRWNRKRTQQML
HGLQRALAKTGAESISLLELCRNTNRKQAAAKFYSFLV
LKKQQAIELTQEEPYSIIATPGPRFHII

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 98.1

Interspecies Antigen Sequence: Mouse (97); Rat (97)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5885

Gene Symbol: RAD21

Gene Alias: FLJ25655, FLJ40596, HR21, HRAD21, KIAA0078, MCD1, NXP1, SCC1, hHR21

Gene Summary: The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe rad21*, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells. [provided by RefSeq]