Recombinant Human RAD1, GST-tagged

Cat. No. RAD1-2151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-282aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	RAD1 RAD1 homolog (S. pombe) [Homo sapiens]
Official Symbol	RAD1
Synonyms	RAD1; RAD1 homolog (S. pombe); RAD1 (S. pombe) homolog; cell cycle checkpoint protein RAD1; cell cycle checkpoint protein Hrad1; checkpoint control protein HRAD1; DNA repair exonuclease REC1; exonuclease homolog RAD1; HRAD1; Rad1 like DNA damage checkpoin

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Gene ID	5810
mRNA Refseq	NM_002853
Protein Refseq	NP_002844
MIM	603153
UniProt ID	O60671
Chromosome Location	5p13
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; G2/M Checkpoints, organism-specific biosystem; Regulation of Telomerase, organi
Function	3-5 exonuclease activity; damaged DNA binding; exodeoxyribonuclease III activity; hydrolase activity; protein binding;

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