

Recombinant Mouse Rad50 protein, His & T7-tagged

Cat. No. Rad50-1746M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rad50 aa. (Met1~Leu234 (Accession # P70388)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Leu234
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 9.1

GENE INFORMATION

Gene Name Rad50 RAD50 double strand break repair protein [*Mus musculus* (house mouse)]

Official Symbol Rad50

Synonyms Rad50; RAD50 double strand break repair protein; Mrell; Rad50l; DNA repair protein
RAD50; RAD50 homolog; mRad50

Gene ID 19360

mRNA Refseq NM_009012.2

Protein Refseq NP_033038.2

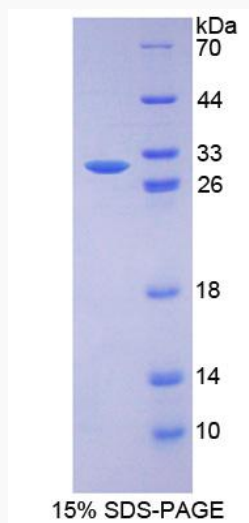
UniProt ID P70388

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SDS-PAGE



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