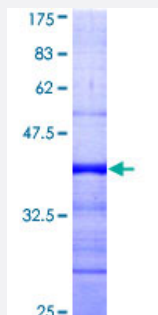


RAD54B (Human) Recombinant Protein (Q01)

Catalog # H00025788-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human RAD54B partial ORF (AAH01965, 801 a.a. - 910 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HIQFSVEELKNLFTLHESSDCVTHDLLDCECTGEEVHTGDSLEKFVSRDCQLGPHHQKSNLSKP LSMSQLKQWKHFSGDHLNLTDPFLERITENVSFIFQNITTQATGT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (31)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RAD54B

Entrez GeneID [25788](#)

GeneBank Accession# [BC001965](#)

Protein Accession# [AAH01965](#)

Gene Name RAD54B

Gene Alias FSBP, RDH54

Gene Description RAD54 homolog B (S. cerevisiae)

Omim ID [604289](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with Saccharomyces cerevisiae RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer. [provided by RefSeq]

Other Designations Fibrinogen silencer-binding protein|RAD54 homolog B|RAD54, S. cerevisiae, homolog of, B|fibrinogen silencer binding protein

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Uterine Cervical Neoplasms](#)