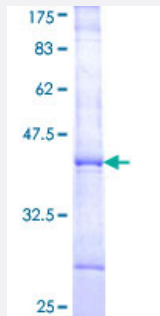


RAD9A (Human) Recombinant Protein (Q01)

Catalog # H00005883-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RAD9A partial ORF (AAH14848, 61 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YQAATPGQDLLRCKILMKSFLSVFRSLAMLEKTVEKCCISLNGRSSRLVVQLHCKFGVRKTHNLS FQDCASLQAVFDPASCPHMLRAPARVLGEAVLPFSPALAEVTLGI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (83); Rat (84)
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 — RAD9A

Entrez GeneID [5883](#)

GeneBank Accession# [BC014848](#)

Protein Accession# [AAH14848](#)

Gene Name RAD9A

Gene Alias RAD9

Gene Description RAD9 homolog A (S. pombe)

Omim ID [603761](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Use of alternative polyA sites has been noted for this gene. [provided by RefSeq]

Other Designations RAD9 homolog|cell cycle checkpoint control protein

Disease

- [Ataxia telangiectasia](#)
- [Cardiovascular Diseases](#)

- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)