

Recombinant Human RAD51AP1 Protein, GST-tagged

Cat. No. RAD51AP1-485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RAD51AP1 full-length ORF (AAH06992.1, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	May participate in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Functionally cooperates with PALB2 in promoting of D-loop formation by RAD51. Binds to single and double stranded DNA, and is capable of aggregating DNA. Also binds RNA.
Molecular Mass	62.59 kDa
AA Sequence	MVRPVRHKKPVNYSQFDHSDSDDDFVSATVPLNKKSR TAPKELKQDKPKPNLNNLR KEEIPVQEKT PKKRMALDDKLYQRDLEVALALSVKELPTVTTNVQNSQDKSIEKHGS SKIETMNKSPHISNC SVASDYLDLKITVEDDVGGVQGKRKAASKAAAQQRKILLEG SDGDSANDTEPDFAPGEDSEDDSDFCESDNDDEDFSMRKS KVKEIKKKEVKVKSPV EKKEKSKSKCNALVTSVDSAPAAVKSESQSLPKKVSLSDDTTRKPLEIRSPSAESK KPKWVPPAASGGSRSSSSPLVVVSVKSPNQSLRLGLSRLARVKPLHPNATST
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

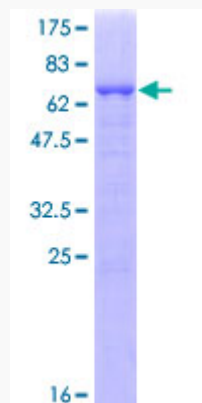
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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	RAD51AP1
Official Symbol	RAD51AP1 RAD51 associated protein 1 [Homo sapiens (human)]
Synonyms	RAD51AP1; RAD51 associated protein 1; PIR51; RAD51-associated protein 1; RAD51-interacting protein
Gene ID	10635
mRNA Refseq	NM_006479
Protein Refseq	NP_006470
MIM	603070
UniProt ID	Q96B01

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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