Recombinant Full Length Human RAD51AP1 Protein, GST-tagged

Cat. No. RAD51AP1-6781HF **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	In Vitro Cell Free System
ProteinLength	335 amino acids
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	MVRPVRHKKPVNYSQFDHSDSDDDFVSATVPLNKKSRTAPKELKQDKPKPNLNNLR KEEIPVQEKTPKKRMALDDKLYQRDLEVALALSVKELPTVTTNVQNSQDKSIEKHGS SKIETMNKSPHISNCSVASDYLDLDKITVEDDVGGVQGKRKAASKAAAQQRKILLEG SDGDSANDTEPDFAPGEDSEDDSDFCESEDNDEDFSMRKSKVKEIKKKEVKVKSPV EKKEKKSKSKCNALVTSVDSAPAAVKSESQSLPKKVSLSSDTTRKPLEIRSPSAESK KPKWVPPAASGGSRSSSSPLVVVSVKSPNQSLRLGLSRLARVKPLHPNATST
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
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

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