

# Recombinant Human RAD51AP1 protein, His-tagged

**Cat. No.** RAD51AP1-53222H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAD51AP1 protein(Q96B01)(1-352aa), fused with C-terminal His tag, was expressed in Yeast.                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                             |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-352aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                             |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                |
| <b>Molecular Mass</b>   | 39.9 kDa                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                    |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MVRPVRHKKPVNYSQFDHSDSDDDFVSATVPLNKKSRAPKELKQDKPKPNLNNLR  
KEEIPVQEKTPKKRLPEGTFSSIPASAVPCTKMALDDKLYQRDLEVALALSVKELPTVT  
TNVQNSQDKSIEKHGSSKIETMNKSPHISNCSVASDYLDLKITVEDDVGGVQGKRK  
AASKAAAQQRKILLEGSDGDSANDTEPDFAPGEDSEDDSDFCESDNDDEDFSMRK  
SKVKEIKKKEVKVKSPVEKKEKSKSKCNALVTSVDSAPAAVKSESQSLPKKVSLSS  
DTTRKPLEIRSPSAESKKPKWVPPAASGGSRSSSSPLVVSVKSPNQSLRLGLSRLA  
RVKPLHPNATST

**GENE INFORMATION**

**Gene Name** RAD51AP1 RAD51 associated protein 1 [ Homo sapiens ]

**Official Symbol** RAD51AP1

**Synonyms** RAD51AP1; RAD51 associated protein 1; RAD51-associated protein 1; PIR51;  
RAD51-interacting protein;

**Gene ID** 10635

**mRNA Refseq** NM\_001130862

**Protein Refseq** NP\_001124334

**MIM** 603070

**UniProt ID** Q96B01

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