



Recombinant Human RAD51AP1 Protein Product Manual

1. Product Basic Information

Product No.: REP08002

Protein Name: Rad51-Interacting Protein (RAD51AP1)

Aliases: hsRAD51AP1; RAD51-interacting protein

UniProt ID: Q96B01

UniProt Link: <https://www.uniprot.org/uniprotkb/Q96B01/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length (1-352aa)

Molecular Weight: 39.9 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-352aa)

MVRPVRHKKPVNYSQFDHSDSDDDFVSATVPLNKKSRRTAPKELKQDKPKPNLNNL
RKEEIPVQEKTTPKRLPEGTFSSIPASAVPCTKMALDDKLYQRDLEVALALSVKELPTV
TTNVQNSQDKSIEKHGSSKIETMKNKSPHISNCSVASYLDLKITVEDDVGGVQGKR
KAASKAAAQQRKILLEGSDGDSANDTEPDFAPGEDSEDDSDFCESDNDDEDFSMR
KSKVKEIKKKEVKVKSPVEKKEKSKSKCNALVTSVDSAPAAVKSESQSLPKKVLSL
SDTTRKPLEIRSPSAESKKPKWVPPAASGGSRSSSSPLVVSVKSPNQSLRLGLSR
LARVKPLHPNATST

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human RAD51AP1 full length protein (1-352aa) expressed in Yeast. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. RAD51AP1, also known as hsRAD51AP1 or RAD51-interacting protein, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.