

## Recombinant Human RPA2 protein, GST-tagged

**Cat. No.** RPA2-3440H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RPA2 protein(P15927)(1-267aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-267aa                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                    |
| <b>Molecular Mass</b>   | 55.9 kDa                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | <p>MWNSGFESYGSSSYGGAGGYTQSPGGFGSPAPSQAEEKSRARAQHIVPCTISQLL</p> <p>SATLVDEVFRIGNVEISQVTIVGIIRHAEKAPTNIYKIDDMTAA PMDVRQWVDTDDTS</p> <p>SENTVVPPEYVKVAGHLRSFQNKKSLVAFKIMPLEDMNEFTTHILEVINAHMVL SKA</p> <p>NSQPSAGRAPISNPGMSEAGNFGGNSFMPANGLTVAQNQVLNLIKACPRPEGLNF</p> <p>QDLKNQLKHMSVSSIKQAVDFLSNEGHIYSTVDDDDHFKST</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                                                   |

 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

repeated freeze-thaw cycles.

#### Reconstitution

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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** RPA2 replication protein A2, 32kDa [ Homo sapiens ]

**Official Symbol** RPA2

#### Synonyms

RPA2; replication protein A2, 32kDa; replication protein A2 (32kD); replication protein A 32 kDa subunit; RP-A p32; RP-A p34; RF-A protein 2; replication factor A protein 2; replication protein A 34 kDa subunit; REPA2; RPA32;

**Gene ID** 6118

**mRNA Refseq** NM\_002946

**Protein Refseq** NP\_002937

**MIM** 179836

**UniProt ID** P15927

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