

## Recombinant Human RPA3 protein, His-tagged

**Cat. No.** RPA3-3441H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RPA3 protein(P35244)(1-119aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-119aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>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>   | 17.3 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MVDMMDLPRSRINAGMLAQFIDKPVCFVGRLEKIHPTGKMFILSDGEGKNGTIELME<br>PLDEEISGIVEVVGRVTAKATILCTSYVQFKEDSHPFDLGLYNEAVKIIHDFPQFYPLGI<br>VQ                                                                                                       |
| <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 repeated freeze-thaw cycles.                                                                                                                        |

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**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**

|                        |                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RPA3 replication protein A3, 14kDa [ Homo sapiens ]                                                                                                                        |
| <b>Official Symbol</b> | RPA3                                                                                                                                                                       |
| <b>Synonyms</b>        | RPA3; replication protein A3, 14kDa; replication protein A3 (14kD); replication protein A 14 kDa subunit; REPA3; RP-A p14; RF-A protein 3; replication factor A protein 3; |
| <b>Gene ID</b>         | 6119                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_002947                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_002938                                                                                                                                                                  |
| <b>MIM</b>             | 179837                                                                                                                                                                     |
| <b>UniProt ID</b>      | P35244                                                                                                                                                                     |

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