Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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**Product no** AS21 4542P

# RecA (protein, positive control)

## Product information

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|---|---|
| **Purity** | Contains 50% glycerol, 20 mM Tris-HCl (pH 8), 1 mM EDTA, 150 mM KCl, 1 mM DTT. Over 90 % pure, by SDS-PAGE |
| **Format** | Liquid |
| **Quantity** | 100 µg |
| **Storage** | Store at -20°C or -80°C for a longer period of time; once make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. |
| **Additional information** | RecA (protein, positive control) |

## Application information

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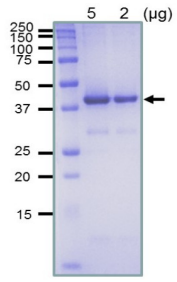
| **Expected \| apparent MW** | 38 kDa |
| **Additional information** | RecA protein is full length, highly purified (over 90 %, SDS-PAGE) by several steps of chromatography. Provided at a concentration of 1 mg/ml estimated by BCA method. UniProt: P0A7G6 |
| **Selected references** | Ishibashi, Oura S & Umemura (2017) Adsorption of DNA binding proteins to functionalized carbon nanotube surfaces with and without DNA wrapping. Eur Biophys J. 2017 Sep;46(6):541-547. doi: 10.1007/s00249-017-1200-3. Epub 2017 Feb 15. PMID: 28204854.<br>Oura et al. (2015) Biomolecular recognition ability of RecA proteins for DNA on single-walled carbon nanotubes. Colloids Surf B Biointerfaces. 2015 Feb 1;126:496-501. doi: 10.1016/j.colsurfb.2015.01.002. Epub 2015 Jan 10. PMID: 25612818. |




5 and 2 µg of highly purified RecA protein from *Escherichia coli* was separated on SDS-PAGE and stained by Coomasie.