

Product no **AS21 4541P****LexA | LexA repressor (protein, positive control)**

Product information

Purity | Contains 50% glycerol, 10 mM Tris-HCl (pH 7.5), 2 mM EDTA, 100 mM NaCl, 1 mM DTT. Over 90% pure by SDS-PAGE.

Format | Liquid

Quantity | 20 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.

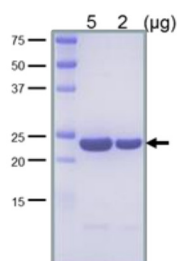
Additional information | This product can be used in:

- Functional studies of *E.coli* SOS response. This product will bind to SOS box *in vitro* and repress the expression of the genes belonging to SOS regulation
- Western blot as a positive control, to confirm that the bait construct is expressed in yeast two-hybrid system using *lexA* gene
- control in ChIP in combination with [anti-LexA antibodies](#)

Application information

Expected | apparent MW | 22.3 | 23 kDa

Additional information | LexA protein is full-length, highly purified (over 90%, SDS-PAGE) provided at a concentration of 1 mg/ml estimated by BCA method. UniProt: [P0A7C2](#)



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