



## Product Description

**Product:** pAVD10 plasmid

**Catalogue number:** PL-010A/10

**Components:** 1 x 10 µl pAVD10 plasmid (concentration 5ng/µl)

**Storage:** Store at -20°C. Avoid repeated freezing and thawing.

**Stability:** When stored and used as directed, the plasmid is guaranteed for 12 months from the date of shipment.

**Description:** The plasmid expresses the *E. coli* uncF protein from the T7 promoter. See the map and complete sequence at [http://www.overexpress.com/html/pavd10\\_sequence.htm](http://www.overexpress.com/html/pavd10_sequence.htm)

**Utility:** The plasmid can be used to verify the identity of the strains C41(DE3) and C43(DE3). See the protocol at [http://www.overexpress.com/html/information\\_03.php](http://www.overexpress.com/html/information_03.php)

**Reference:** Miroux B, Walker JE. Over-production of proteins in *Escherichia coli*: mutant hosts that allow synthesis of some membrane proteins and globular proteins at high levels. *J. Mol. Biol.* (1996) **260**, 289-298.

For Research Use Only

Warranty: Distributor warrants that the product will meet or exceed these specifications when used under normal conditions in customer's laboratory. Distributor will promptly replace the product free of charge if the product does not conform to these specifications. Our obligation and your sole remedy is limited to such replacement should the product prove to be defective. No other warranties are expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Distributor is not liable for consequential damages.

Distributor makes no representation or warranty that use of the MATERIALS will not infringe rights of third parties. In particular, the customer's attention is drawn to the fact that the strains C41(DE3) and C43(DE3) contain the T7 RNA polymerase gene. The use of the T7 expression system, developed at Brookhaven National Laboratory under contract with the U.S. Department of Energy and comprising bacteria, bacteriophages and plasmids containing the T7 RNA polymerase gene, is the subject of patent applications assigned to Brookhaven Science Associates LLC. A Licence is required in the United States of America for any commercial use, including use of the T7 system for research purposes or for production purposes by any commercial entity.