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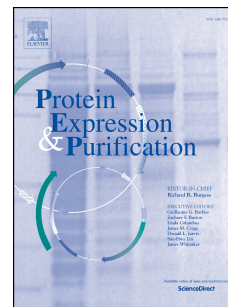
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**cDNA cloning, heterologous expression, protein folding and immunogenic properties  
of a phospholipase A<sub>2</sub> from *Bothrops ammodytoides* venom**

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**Abstract**

A mRNA transcript that codes for a phospholipase (PLA<sub>2</sub>) was isolated from a single venom gland of the *Bothrops ammodytoides* viper. The PLA<sub>2</sub> transcript was cloned onto a pCR<sup>®</sup>2.1-TOPO vector and subsequently expressed heterologously in the *E. coli* strain M15, using the pQE30 vector. The recombinant phospholipase was named rBamPLA2\_1, and is composed of an N-terminal fusion protein of 16 residues, along with 122 residues from the mature protein that includes 14 cysteines that form 7 disulfide bonds.

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