

Nucleotide and deduced amino acid sequence of sheep serum albumin

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Submitted November 13, 1989 EMBL accession

Submitted November 15, 1989

EMBL accession no. X17055

Using a rabbit anti-sheep albumin antiserum (1) and Superscreen reagents (Amersham International PLC) a clone encoding part of sheep albumin was isolated from a fetal sheep liver cDNA library in lambda gt11. This clone was used to screen a further fetal sheep liver library in lambda gt10. A full length clone was isolated and was sequenced by the method of Sanger et al (2). It contains an open reading frame spanning 1824 nucleotides which encodes a 607 amino acid protein including a 18 residue signal peptide and a 6 residue propeptide. The deduced protein sequence is greater than 90% identical to bovine serum albumin (3).

Acknowledgements

This work was supported by grants from The Wellcome Trust and Action Research for the Crippled Child.

References

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