

expression

in biotechnology

1. The cellular production of the protein encoded by a particular gene. The process includes transcription of DNA, processing of the resulting mRNA product and its translation into an active protein.
2. A recombinant gene inserted into a host cell by means of a vector is said to be expressed if the synthesis of the encoded protein can be demonstrated.

Source:

PAC, 1992, 64, 143 (*Glossary for chemists of terms used in biotechnology (IUPAC Recommendations 1992)*) on page 153