**Express Biotech Int'l.**503 Gateway Drive West
Thurmont, MD 21788 USA

Tel: 301.228.2444
Fax: 301.560.6570
Email: info@xpressbio.com
Web: www.xpressbio.com

## **Certificate of Analysis**

## Human Placenta Normalized cDNA Library

Catalog No.: 10110-N

**Tissue description:** Human placenta tissue from one donor

Vector: pExpress 1

Cells used for Electroporation: DH10BF' E. coli bacterial cells, T1 phage resistant

Diluent: 80% SOC:20% Glycerol

Volume per Tube: 1 ml

**Number of Tubes:** 1

**Titer:** at least 5.0 x 10<sup>9</sup> cfu/ml

Average insert size: 1.6 kb

**Percent recombinants:** >87%

**Actin Reduction:** 60-fold reduction compared to the primary library

**Primer(s) for sequencing:** M13FWD GTA AAA CGA CGG CCA GT

M13REV CAG GAA ACA GCT ATG AC

This product is distributed for laboratory research use only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established. XpressBio provides innovative state-of-the-art cDNA libraries for life science research.