



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

Tel: 301.228.2444  
Fax: 301.560.6570  
Email: [info@xpressbio.com](mailto:info@xpressbio.com)  
Web: [www.xpressbio.com](http://www.xpressbio.com)

## Certificate of Analysis

### NIH\_MGC\_255 Rat Brain Normalized cDNA Library

**Date:** April 4, 2007

**Tissue description:** Total RNA isolated from 8 week old male and female Brown Norway Line-3 rat brain tissue

**Vector:** pExpress 1 (Not I—blunt, Eco RV)

**Cells used for Electroporation:** DH10B *E. coli* bacterial cells, T1 phage resistant

**Diluent:** 80% SOC:20% Glycerol

**Number of Tubes:** 1

**Total Volume:** 1 ml

**Titer:**  $5 \times 10^9$  cfu/ml

**Average insert size:** 1.7 kb

**Recombinants:** 92%

**Actin reduction:** 130-fold reduction compared to primary library

**Storage conditions:** -80° C

<b>Primer(s) for sequencing:</b>	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.