

**Plasmid pMRLB.45 Containing Gene Rv1837c (Protein GlcB) from *Mycobacterium tuberculosis* for Expression in *Mycobacterium smegmatis***

**Catalog No. NR-13296**

This reagent is the tangible property of the U.S. Government.

**Product Description:** NR-13296 is a recombinant expression vector containing *Mycobacterium tuberculosis* gene Rv1837c, which encodes a probable malate synthase G, GlcB. Gene Rv1837c was amplified by PCR and cloned into pVV16 for expression in *Mycobacterium smegmatis*.

**Lot: 04.MS.08.25**

**Manufacturing Date: 25AUG2004**

TEST	SPECIFICATIONS	RESULTS
<b>Agarose Gel Electrophoresis (see attached QC Gel)<sup>1</sup></b> Linearization with <i>NdeI</i> Linearization with <i>HindIII</i> Digestion with <i>NdeI</i> and <i>HindIII</i>	~ 8.0 kb ~ 8.0 kb ~ 2.23 kb (insert); ~ 5.78 kb (vector)	Pending Pending Pending
<b>Concentration by OD<sub>260</sub></b>	Report results	0.1 µg/µL
<b>Absorbance Ratio (OD<sub>260</sub>/OD<sub>280</sub>)</b>	Report results	1.9

<sup>1</sup>Performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH)

**Date:** 30 OCT 2009

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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