

Plasmid pMRLB.10 Containing Gene Rv1484 (Protein InhA) from *Mycobacterium tuberculosis*

Catalog No. NR-13283

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Product Description: NR-13283 is a recombinant expression vector containing *Mycobacterium tuberculosis* gene Rv1484, which encodes an NADH-dependent enoyl-[acyl-carrier-protein] reductase protein, InhA. Gene Rv1484 was amplified by PCR and cloned into pET23b for expression in *Escherichia coli*.

Lot: 03.EC.06.24

Manufacturing Date: 24JUN2003

TEST	SPECIFICATIONS	RESULTS
Agarose Gel Electrophoresis (see attached QC Gel)¹ Linearization with <i>NdeI</i> Digestion with <i>NdeI</i> and <i>HindIII</i>	~ 4.47 kb ~ 0.807 kb (insert); ~ 3.66 kb (vector)	~ 4.47 kb ~ 0.807 kb; ~ 3.66 kb
Concentration by OD₂₆₀	Report results	0.08 µg/µL
Absorbance Ratio (OD₂₆₀/OD₂₈₀)	Report results	1.9

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

Date: 31 AUGUST 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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QC gel

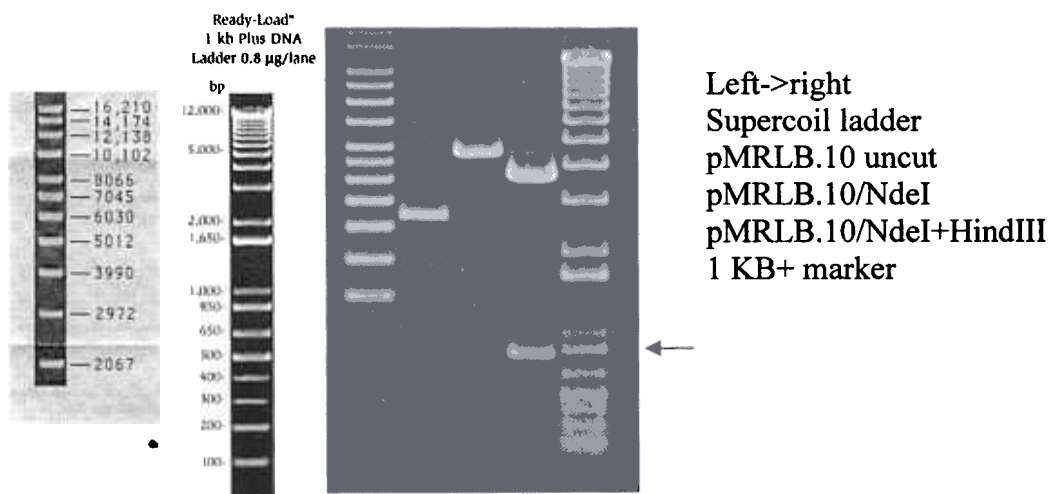
Restriction enzymes used in QC analysis NdeI, HindIII

Expected size of restriction fragments

- Vector 3.66 kb pET 23b
- Insert 0.807 kb inhA
- Other 4.47 kb linearized plasmid

Gel description file number, % agarose, buffer kb51/0.8% agarose/1X TAE

Molecular weight markers Invitrogen 1KB Plus, Invitrogen Supercoiled DNA Ladder



Generated by Terry Brooker Date 7-16-03

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Form 4.2.03.JB