

Plasmid pMRLB.14 Containing Gene Rv1932 (Protein Tpx) from *Mycobacterium tuberculosis*

Catalog No. NR-13286

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

Product Description: NR-13286 is a recombinant expression vector containing *Mycobacterium tuberculosis* gene Rv1932, which encodes a probable thiol peroxidase protein, Tpx. Gene Rv1932 was amplified by PCR and cloned into pET23b for expression in *Escherichia coli*.

Lot: 03.EC.06.18

Manufacturing Date: 18JUN2003

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>	~ 4.15 kb ~ 0.495 kb (insert); ~ 3.66 kb (vector)	~ 4.15 kb ~ 0.495 kb; ~ 3.66 kb
Concentration by OD₂₆₀	Report results	0.1 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

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



QC gel

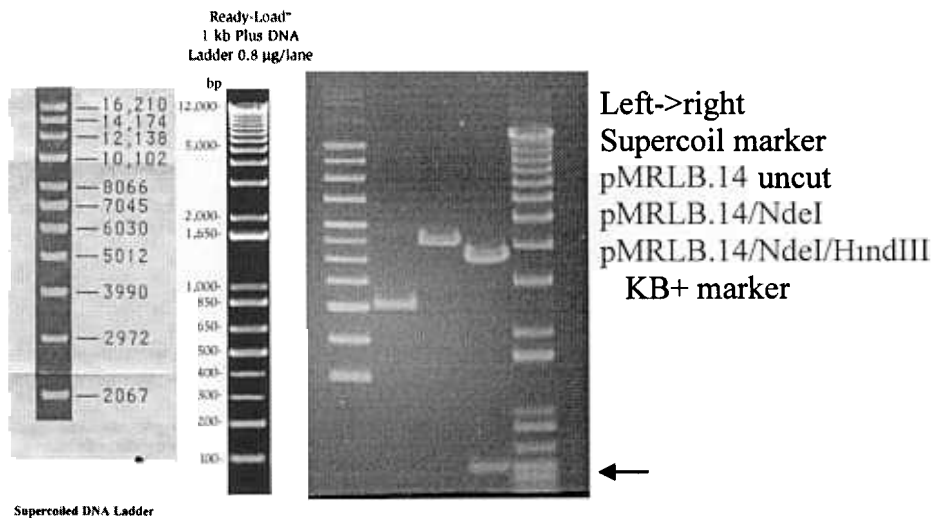
Restriction enzymes used in QC analysis NdeI, HindIII

Expected size of restriction fragments

Vector 3.66 kb pET 23b
Insert 0.495 kb ag85c (leader sequence removed)
Other 4.15 kb linearized plasmid

Gel description file number, % agarose, buffer kb50/0.8% agarose/1X TAE

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



Generated by

Terry Brookman

Supervisor

John T. Blod 6-30-03

Form 4.2.03.JB