



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530  
Fax: 440/337-1180  
web: <http://www.mpbio.com>

## Certificate of Analysis

**Product Description:** EcoR I  
**Catalog Number:** 151025  
**Lot:** 4620K

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Clear, Colorless Solution

**Formula Weight:** N/A  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	an <i>E. coli</i> strain that carries the cloned <i>EcoR</i> I gene from <i>E. coli</i> RY13	an <i>E. coli</i> strain that carries the cloned <i>EcoR</i> I gene from <i>E. coli</i> RY1
Activity	≥10,000 u/ml	20,000 u/ml
Supplied in	300 mM NaCl, 10 mM KPO <sub>4</sub> , 0.1 mM EDTA, 10 mM 2-mercaptoethanol, 0.15% triton X-100, 200 µg/ml BSA, 50% glycerol	300 mM NaCl, 10 mM KPO <sub>4</sub> , 0.1 mM EDTA, 10 mM 2-mercaptoethanol, 0.15% triton X-100, 200 µg/ml BSA, 50% glycerol
Supplied with (10x)	0.5 M NaCl, 1 M tris HCl, 0.1 M MgCl <sub>2</sub> , 0.25% Triton X-100	0.5 M NaCl, 1 M tris HCl, 0.1 M MgCl <sub>2</sub> , 0.25% Triton X-100
Expiration Date	Month/Day/Year	05/31/2011

Unit Definition: the amount of enzyme required to digest 1 µg of lambda DNA in 1 hour at 37°C in a total reaction volume of 50 µl.

08/21/2009 - Robert Beattie  
MP Biomedicals, LLC.  
Technical Director

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<mailto:biotech@mpbio.com>  
<http://www.mpbio.com>

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