

## deoxyribodipyrimidine photo-lyase

Cat. No. EXWM-4936

Lot. No. (See product label)

### Introduction

**Description** A flavoprotein (FAD), containing a second chromophore group. The enzyme catalyses the reactivation by light of irradiated DNA. A similar reactivation of irradiated RNA is probably due to a separate enzyme.

**Synonyms** photoreactivating enzyme; DNA photolyase; DNA-photoreactivating enzyme; DNA cyclobutane dipyrimidine photolyase; DNA photolyase; deoxyribonucleic photolyase; deoxyribodipyrimidine photolyase; photolyase; PRE; PhrB photolyase; deoxyribonucleic cyclobutane dipyrimidine photolyase; phr A photolyase; dipyrimidine photolyase (photosensitive); deoxyribonucleate pyrimidine dimer lyase (photosensitive)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.99.3

**CAS No.** 37290-70-3

**Reaction** cyclobutadipyrimidine (in DNA) = 2 pyrimidine residues (in DNA)

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.