

## trans-1,2-dihydrobenzene-1,2-diol dehydrogenase

Cat. No. EXWM-1295

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is trans-1,2-dihydrobenzene-1,2-diol:NADP<sup>+</sup> oxidoreductase. This enzyme is also called dihydrodiol dehydrogenase. This enzyme participates in metabolism of xenobiotics by cytochrome p450.

**Synonyms** dihydrodiol dehydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.3.1.20

**CAS No.** 37255-32-6

**Reaction** trans-1,2-dihydrobenzene-1,2-diol + NADP<sup>+</sup> = catechol + NADPH + H<sup>+</sup>

**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.