

## 4-hydroxyphenylacetate 1-monooxygenase

Cat. No. EXWM-0778

Lot. No. (See product label)

### Introduction

**Description** A flavoprotein (FAD). Also acts on 4-hydroxyhydratropate (forming 2-methylhomogentisate) and on 4-hydroxyphenoxyacetate (forming hydroquinone and glycolate).

**Synonyms** 4-hydroxyphenylacetate 1-hydroxylase; 4-hydroxyphenylacetic 1-hydroxylase; 4-HPA 1-hydroxylase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.18

**CAS No.** 55326-44-8

**Reaction** 4-hydroxyphenylacetate + NAD(P)H + H<sup>+</sup> + O<sub>2</sub> = homogentisate + NAD(P)<sup>+</sup> + H<sub>2</sub>O

**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.