

## 4-hydroxybenzoyl-CoA reductase

Cat. No. EXWM-1404

Lot. No. (See product label)

### Introduction

**Description** A molybdenum-flavin-iron-sulfur protein that is involved in the anaerobic pathway of phenol metabolism in bacteria. A ferredoxin with two [4Fe-4S] clusters functions as the natural electron donor.

**Synonyms** 4-hydroxybenzoyl-CoA reductase (dehydroxylating); 4-hydroxybenzoyl-CoA:(acceptor) oxidoreductase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.3.7.9

**CAS No.** 133758-58-4

**Reaction** benzoyl-CoA + oxidized ferredoxin + H<sub>2</sub>O = 4-hydroxybenzoyl-CoA + reduced ferredoxin

**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.