

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 + H₂O = 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.