Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.