

aldehyde dehydrogenase (FAD-independent)

Cat. No. EXWM-1235

Lot. No. (See product label)

Introduction

Description

Belongs to the xanthine oxidase family of enzymes. The enzyme from *Desulfovibrio* sp. contains a molybdenum-molybdopterin-cytosine dinucleotide (MCD) complex and two types of [2Fe-2S] cluster per monomer, but does not contain FAD.

Synonyms

aldehyde oxidase; aldehyde oxidoreductase; Mop; AORDd

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.2.99.7

Reaction

an aldehyde + H₂O + acceptor = a carboxylate + reduced acceptor

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.