

## (2R)-3-sulfolactate dehydrogenase (NADP+)

Cat. No. EXWM-0252

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from the bacterium *Chromohalobacter salexigens* can only utilize NADP+. It functions both biosynthetically in coenzyme M biosynthesis and degradatively, in the degradation of sulfolactate. It can not use (S)-malate and (S)-lactate.

#### Synonyms

(R)-sulfolactate:NADP+ oxidoreductase; L-sulfolactate dehydrogenase; (R)-sulfolactate dehydrogenase; ComC

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.338

#### CAS No.

81210-65-3

#### Reaction

(2R)-3-sulfolactate + NADP+ = 3-sulfo pyruvate + NADPH + H+

#### 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.