

## ascorbate ferrireductase (transmembrane)

Cat. No. EXWM-1077

Lot. No. (See product label)

### Introduction

#### Description

A diheme cytochrome that transfers electrons across a single membrane, such as the outer membrane of the enterocyte, or the tonoplast membrane of the plant cell vacuole. Acts on hexacyanoferrate(III) and other ferric chelates.

#### Synonyms

cytochrome b561 (ambiguous)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 7.2.1.3 (Formerly EC 1.16.5.1)

#### Reaction

ascorbate[side 1] + Fe(III)[side 2] = monodehydroascorbate[side 1] + Fe(II)[side 2]

#### 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.