

diferric-transferrin reductase

Cat. No. EXWM-1067

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of oxidoreductases, specifically those oxidizing metal ion with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is transferrin[Fe(II)]₂:NAD⁺ oxidoreductase. Other names in common use include diferric transferrin reductase, NADH diferric transferrin reductase, and transferrin reductase. This enzyme participates in porphyrin and chlorophyll metabolism.

Synonyms

diferric transferrin reductase; NADH diferric transferrin reductase; transferrin reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.16.1.2

CAS No.

105238-49-1

Reaction

transferrin[Fe(II)]₂ + NAD⁺ + H⁺ = transferrin[Fe(III)]₂ + NADH

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.