

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.