Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.