Creative Enzymes®

adrenodoxin-NADP+ reductase

Cat. No. EXWM-1111

Lot. No. (See product label)

Introduction

Description	A flavoprotein (FAD). The enzyme, which transfers electrons from NADPH to adrenodoxin molecules, is the first component of the mitochondrial cytochrome P-450 electron transfer systems, and is involved in the biosynthesis of all steroid hormones.
Synonyms	adrenodoxin reductase; nicotinamide adenine dinucleotide phosphate-adrenodoxin reductase; AdR; NADPH:adrenal ferredoxin oxidoreductase; NADPH-adrenodoxin reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.18.1.6
Reaction	2 reduced adrenodoxin + NADP+ + H+ = 2 oxidized adrenodoxin + NADPH
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 ℃.