

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