

mannuronate reductase

Cat. No. EXWM-0035

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is D-mannonate:NAD(P)⁺ 6-oxidoreductase. Other names in common use include mannonate dehydrogenase, mannonate (nicotinamide adenine dinucleotide, (phosphate))dehydrogenase, mannonate dehydrogenase, mannuronate reductase, mannonate dehydrogenase (NAD(P)⁺), D-mannonate:nicotinamide adenine dinucleotide (phosphate, and oxidoreductase (D-mannuronate-forming)).

Synonyms mannonate dehydrogenase; mannonate (nicotinamide adenine dinucleotide (phosphate))dehydrogenase; mannonate dehydrogenase; mannuronate reductase; mannonate dehydrogenase (NAD(P)⁺); D-mannonate:nicotinamide adenine dinucleotide (phosphate oxidoreductase (D-mannuronate-forming))

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.131

CAS No. 37250-62-7

Reaction D-mannonate + NAD(P)⁺ = D-mannuronate + NAD(P)H + H⁺

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.