

gluconate 5-dehydrogenase

Cat. No. EXWM-0353

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-gluconate:NAD(P)⁺ 5-oxidoreductase. Other names in common use include 5-keto-D-gluconate 5-reductase, 5-keto-D-gluconate 5-reductase, 5-ketogluconate 5-reductase, 5-ketogluconate reductase, and 5-keto-D-gluconate reductase.

Synonyms 5-keto-D-gluconate 5-reductase; 5-keto-D-gluconate 5-reductase; 5-ketogluconate 5-reductase; 5-ketogluconate reductase; 5-keto-D-gluconate reductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.69

CAS No. 9028-70-0

Reaction D-gluconate + NAD(P)⁺ = 5-dehydro-D-gluconate + 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.