

Aldose reductase from Human, Recombinant

Cat. No. NATE-1198

Lot. No. (See product label)

Introduction

Description

In enzymology, aldose reductase (or aldehyde reductase) (EC 1.1.1.21) is a cytosolic NADPH-dependent oxidoreductase that catalyzes the reduction of a variety of aldehydes and carbonyls, including monosaccharides. It is primarily known for catalyzing the reduction of glucose to sorbitol, the first step in polyol pathway of glucose metabolism.

Synonyms

Aldehyde reductase; Aldo-keto reductase family 1 member B1

Product Information

Source

Human

EC Number

EC 1.1.1.21

CAS No.

9028-31-3

Molecular Weight

35853.4 Da