Creative Enzymes®

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