

## 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