

## Glyceraldehyde-3-phosphate Dehydrogenase from Mouse, Recombinant

Cat. No. NATE-1635

Lot. No. (See product label)

### Introduction

**Description** Glyceraldehyde-3-phosphate dehydrogenase catalyzes the conversion of glyceraldehyde-3-phosphate to 1,3-bisphosphoglycerate as part of glycolysis. It has also been shown to have roles in initiation of apoptosis, transcription activation and the shuttling of ER to Golgi vesicles.

**Synonyms** G3PD; GAPD; HEL-S-162eP; Glyceraldehyde-3-phosphate dehydrogenase isoform 2

### Product Information

**Species** Mouse

**Source** E. coli and fused to His-tag at C-terminus

**Form** Liquid

**EC Number** EC 1.2.1.12

**Molecular Weight** 38.2kDa

**Purity** > 95% by SDS-PAGE

**Activity** > 40 units/mg

**Concentration** 0.25 mg/ml

**Unit Definition** Defined as the amount of enzyme that convert 1.0 umole of glyceraldehyde-3-phosphate to 1,3-Bisphosphoglycerate per minute at pH 8.5 at 37°C.

### Storage and Shipping Information

**Storage** Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freeze/thaw cycles.