

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.