Creative Enzymes®

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 theamount 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.