Creative Enzymes®

β-Enolase from Human, Recombinant

Cat. No. NATE-0941

Lot. No. (See product label)

Introduction

Description	Beta-enolase, also known as ENO3, is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in skeletal muscle cells in the adult. ENO3 play a role in converting phosphoglyceric acid to phosphenolpyruvic acid in the glycolytic pathway. Mutations in its gene can be associated with metabolic myopathies that may result from decreased stability of the enzyme. Recombinant human ENO3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Synonyms	2-phospho-D-glycerate hydro-lyase; Beta-enolase; ENO3; Enolase 3; Muscle-specific enolase

Product Information

Species	Human
Source	E. coli
Form	Liquid; 0.5 mg/mL solution in 20 mM Tris-HCl (pH 8.0) containing 1 mM DTT, 20% glycerol and 0.1 mM NaCl.
Molecular Weight	49 kDa
Purity	> 95% (SDS-PAGE)

Storage and Shipping Information

Storage	Store at -70°C.