Creative Enzymes®

α-Enolase from Human, Recombinant

Cat. No. NATE-0940

Lot. No. (See product label)

Introduction

Description	Alpha-enolase, also known as Enolase 1, is one of three enolase isoenzymes and a glycolytic enzyme expressed in most tissues. This protein plays a key role in anaerobic metabolism under hypoxic conditions and may act as a cell surface plasminogen receptor during tissue invasion. Abnormal expression of alpha-enolase is associated with tumor progression in some cases of breast and lung cancer. It also has been identified as an auto antigen associated with Hashimoto′s encephalopathy and severe asthma.
Synonyms	2-phospho-D-glycerate hydro-lyase; Alpha-enolase; ENO1; Enolase 1; Non-neural enolase

Product Information

Species	Human
Source	E. coli
Form	Liquid; 1 mg/mL solution in 20 mM Tris-HCl (pH 7.5) containing 10% glycerol and 1 mM MgSO4.
Molecular Weight	47.1 kDa
Purity	> 90% (SDS-PAGE)

Storage and Shipping Information

Storage	Store at -70°C.