

Datasheet for ABIN666899
ENO1 Protein (AA 1-434)



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1 Image

Overview

Quantity:	100 µg
Target:	ENO1
Protein Characteristics:	AA 1-434
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Alpha-enolase, 1-434aa, Human, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	ENO1
Alternative Name:	alpha-Enolase (ENO1 Products)

Background: 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 autoantigen associated with Hashimoto's encephalopathy and severe asthma. Recombinant human alpha-enolase was

Target Details

expressed in E.coli and purified by using conventional chromatography. Synonyms: Non-Neuronal Enolase (NNE), Enolase-1, ENO1, MBP-1, MYC promoter-binding protein 1, PPH, tau-crystallin, 2 phospho D glycerate hydro lyase, Alpha enolase, C myc promoter binding protein, EC 4.2.1.11, ENO1L1, Enolase 1, Enolase 1 (alpha), Enolase 1 (alpha) like 1, MBP 1, MBP1, MBPB1, MPB 1, MPB1, PPH, MYC promoter binding protein 1, NNE, Non neural enolase, Phosphopyruvate hydratase, Plasminogen binding protein,. NCBI no.: NP_001419

Molecular Weight: 47.1 kDa (434aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

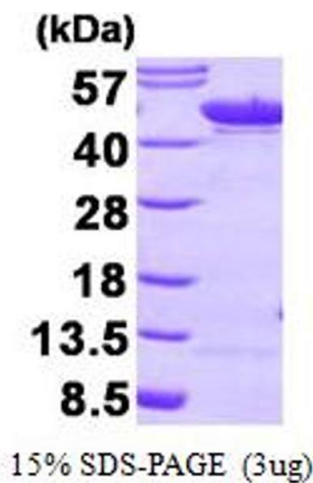
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM MgSO₄, 10% Glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.