

Datasheet for ABIN7478975

ENO1 Protein (AA 2-433, partial) (His tag)



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2 Images

Overview

Quantity:	100 µg
Target:	ENO1
Protein Characteristics:	AA 2-433, partial
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENO1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SILRIHAREI FDSRGNPTVE VDLYTAKGLF RAAVPSGAST GIYEALRLD NDKTRFMGKG VSQAVEHINK TIAPALVSKK VNVVEQEKID KLMIEMDGTE NKSKFGANAI LGVSLAVCKA GAVEKGVPLY RHIADLAGNP EVILPVPAFN VINGGSHAGN KLAMQEFMIL PVGASSFREA MRIGAEVYHN LKNVIKEKYG KDATNVGDEG GFAPNILENK EALELLKTAI AKAGYTDQVV IGMDVAASEF YRSGKYDLDF KSPDDPSRYI TPDQLADLYK SFVQNYPPVVS IEDPFDQDDW GAWQKFTASA GIQVVGDDLT VTNPKRIAKA ASEKSCNCLL LKVNQIGSVT ESLQACKLAQ SNGWGMVSH RSGETEDTFI ADLVVGLCTG QIKTGAPCRS ERLAKYNQIL RIEEELGSKA KFAGRSFRNP LA
Specificity:	Mus musculus (Mouse)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: ENO1

Alternative Name: alpha-Enolase (Eno1) ([ENO1 Products](#))

Background: Recommended name: Alpha-enolase.
EC= 4.2.1.11.
Alternative name(s): 2-phospho-D-glycerate hydro-lyase Enolase 1 Non-neural enolase.
Short name= NNE

Molecular Weight: 48.9 kD

UniProt: [P17182](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

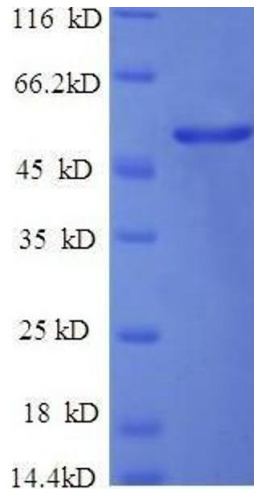
Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

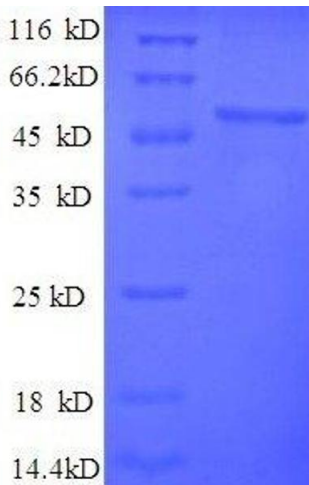
Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

Images



SDS-PAGE

Image 1. Enolase 1, (Alpha) (ENO1) (AA 2-433), (partial) protein (His tag)



SDS-PAGE

Image 2. Protein expressed in E.coli.