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Datasheet for ABIN1628935 ENO3 Protein (AA 2-434) (His tag)

Overview

Quantity:	1 mg
Target:	ENO3
Protein Characteristics:	AA 2-434
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENO3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>AMQKIFARE ILDSRGNPTV EVDLHTAKGR FRAAVPSGAS TGIYEALRLR DGDKSRYLGK</p> <p>GVLKAVEHIN KTLGPALLEK KLSVVDQEKV DKFMIELDGT ENKSKFGANA ILGVSLAVCK</p> <p>AGAAEKGVPVLR RHIALDLGN PELILPVPAF NVINGGSHAG NKLAMQEFMI LPVGASSFRE</p> <p>AMRIGAEVYH HLKGVIAKAY GKDATNVGDE GGFAPNILEN NEALELLKTA IQAAGYDPKV</p> <p>VIGMDVAASE FYRNGKYDLD FKSPDDPARH ISGEKLGELY KNFIKNYPVV SIEDPFDQDD</p> <p>WATWTSFLSG VNIQIVGDDL TVTNPKRIAQ AVEKKACNCL LLKVNQIGSV TESIQAACKLA</p> <p>QSNQWGVVMVS HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL MRIEEEALGDK</p> <p>AVFAGRKFRN PKAK</p>
Specificity:	Bos taurus (Bovine)
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: ENO3

Alternative Name: Beta-enolase (ENO3) ([ENO3 Products](#))

Background: Recommended name: Beta-enolase.
EC= 4.2.1.11.
Alternative name(s): 2-phospho-D-glycerate hydro-lyase Enolase 3 Muscle-specific enolase.
Short name= MSE Skeletal muscle enolase

UniProt: [Q3ZC09](#)

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

Storage: -20 °C

Handling

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