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Datasheet for ABIN1642763 GDH1 Protein (AA 1-454) (His tag)

Overview

Quantity:	1 mg
Target:	GDH1
Protein Characteristics:	AA 1-454
Origin:	Yeast (<i>Saccharomyces bayanus</i>)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GDH1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSEPEFQQAY DEVVSSLEDS TLFEQHPKYR KVLPIVSVPE RIIQFRVTWE NDKGEQEVAQ</p> <p>GYRVQYNSAK GPYKGGLRFH PSVNLILKF LGFEQIFKNS LTGLDMGGGK GGLCVDLKGK</p> <p>SNNEIRRICY AFMRELSRHI GQDTDVPAGD IGVGGREIGY LFGAYRTYKN SWEGVLTGKG</p> <p>LNWGGSLIRP EATGYGLVYY TQAMIDYATN GKESFEGKRV TISGSGNVAQ FAALKVIELG</p> <p>GTVVSLSDSK GCISETGIT SEQVADISSA KVNFKSLEQI VGEYSTFTEN KVQYISGARP</p> <p>WTHVQKVDIA LPCATQNEVS GDEAKALVAQ GVKFVAEGSN MGSTPEIAIV FETARATAST</p> <p>LKESVWYGPP KANLGGVAV SGLEMAQNSQ RITWSSERVD QELKKIMVNC FNECIDSAKK</p> <p>YTKEGNALPS LVKGANIASF IKVSDAMFDQ GDVF</p>
Specificity:	<i>Saccharomyces bayanus</i> (Yeast) (<i>Saccharomyces uvarum</i>)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: GDH1

Alternative Name: NADP-specific glutamate dehydrogenase 1 (GDH1) ([GDH1 Products](#))

Background: Recommended name: NADP-specific glutamate dehydrogenase 1.
Short name= NADP-GDH 1.
EC= 1.4.1.4.
Alternative name(s): NADP-dependent glutamate dehydrogenase 1

UniProt: [Q8TFF6](#)

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.