Datasheet for ABIN1649651

GAPDHS Protein (AA 1-432) (His tag)

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Overview

Quantity:	1 mg
Target:	GAPDHS
Protein Characteristics:	AA 1-432
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAPDHS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSRRDVVLTN VTVVQLRRDP CPCPCPCPCP CPCPVIRPPP PPPKVEEPPP PKEEPPPPPP PPPPPQIEPE EPKEAPPPPP PPPPPPPPPP PPPPKPAKEL TVGINGFGRI GRLVLRVCME KGVRVVAVND PFIDPEYMVY MFKYDSTHGR YKGTVEHKNG RLVVDNLEIN VFQCKEPKEI PWSSVGNPYV VEATGVYLSI EAASGHISSG ARRVIVTAPS PDAPMLVMGV NEKDYNPGSM TVVSNASCTT NCLAPLAKVI HERFGIVEGL MTTVHAYTAT QKTVDGPSKK DWRGGRGAHQ NIIPSSTGAA KAVGKVIPEL NGKLTGMAFR VPTPNVSVVD LTCRLAQPAS YTAIKEAVKA AAKGPMAGIL AYTEDQVVST DFNGDSHSSI FDAKAGIALN DNFVKLVSWY DNEYGYSHRV VDLLRYMFSR EK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	GAPDHS
Alternative Name:	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (Gapdhs) (GAPDHS Products)
Background:	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase, testis-specific. EC= 1.2.1.12. Alternative name(s): Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2. Short name= GAPDH-2 Spermatogenic glyceraldehyde-3-phosphate dehydrogenase
UniProt:	Q9ESV6
Pathways:	Regulation of Carbohydrate Metabolic Process

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 modificated 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.

