Datasheet for ABIN7586486

UGDH Protein (AA 1-493) (His tag)

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Overview

Quantity:	100 µg
Target:	UGDH
Protein Characteristics:	AA 1-493
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This UGDH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVEIKKICCI GAGYVGGPTC SVIARMCPEI RVTVVDVNEA RINAWNSPTL PIYEPGLKEV VESCRGKNLF FSTNIDDAIR EADLVFISVN TPTKTYGMGK GRAADLKYIE ACARRIVQNS NGYKIVTEKS TVPVRAAESI RRIFDANTKP NLNLQVLSNP EFLAEGTAIK DLKNPDRVLI GGDETPEGQR AVQALCAVYE HWVPKEKILT TNTWSSELSK LAANAFLAQR ISSINSISAL CESTGADVEE VATAIGMDQR IGNKFLKASV GFGGGCFQKD VLNLVYLCEA LNLPEVARYW QQVIDMNDYQ RRRFASRIID SLFNTVTDKK IAILGFAFKK DTGDTRESSS IYISKYLMDE GAHLHIYDPK VPREQIVVDL SHPGVSADDQ VSRLVTISKD PYEACDGAHA LVICTEWDMF KELDYERIHK RMLKPAFIFD GRRVLDGLHN ELQTIGFQIE TIGKKVSSKR IPYTPGEIPK FSLQDPPNKK PKV
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:	UGDH
Abstract:	UGDH Products
Background:	Recommended name: UDP-glucose 6-dehydrogenase. Short name= UDP-Glc dehydrogenase. Short name= UDP-GlcDH. Short name= UDPGDH. EC= 1.1.1.22
UniProt:	O70199
Pathways:	Glycosaminoglycan 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.