Datasheet for ABIN7587424

GUDD Protein (AA 2-446) (His tag)

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Overview

Quantity:	100 µg
Target:	GUDD
Protein Characteristics:	AA 2-446
Origin:	E. coli
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUDD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSQFTTPVV TEMQVIPVAG HDSMLMNLSG AHAPFFTRNI VIIKDNSGHT GVGEIPGGEK IRKTLEDAIP LVVGKTLGEY KNVLTLVRNT FADRDAGGRG LQTFDLRTTI HVVTGIEAAM LDLLGQHLGV NVASLLGDGQ QRSEVEMLGY LFFVGNRKAT PLPYQSQPDD SCDWYRLRHE EAMTPDAVVR LAEAAYEKYG FNDFKLKGGV LAGEEEAESI VALAQRFPQA RITLDPNGAW SLNEAIKIGK YLKGSLAYAE DPCGAEQGFS GREVMAEFRR ATGLPTATNM IATDWRQMGH TLSLQSVDIP LADPHFWTMQ GSVRVAQMCH EFGLTWGSHS NNHFDISLAM FTHVAAAAPG KITAIDTHWI WQEGNQRLTK EPFEIKGGLV QVPEKPGLGV EIDMDQVMKA HELYQKHGLG ARDDAMGMQY LIPGWTFDNK RPCMVR
Specificity:	Escherichia coli (strain K12)
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:	GUDD
Abstract:	GUDD Products
Background:	Recommended name: Glucarate dehydratase. Short name= GDH. Short name= GlucD. EC= 4.2.1.40
UniProt:	P0AES2

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
Storage:	-20 °C

Handling

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