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Datasheet for ABIN1643027

TMLHE Protein (AA 16-421) (His tag)

Overview

Quantity:	1 mg
Target:	TMLHE
Protein Characteristics:	AA 16-421
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMLHE protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LMKRG DIAHGLRLSG FKSLFPFSLH WCHTASKSVN CTWHQHEDHL ELQYASTVMR FDYVWLRDHC RSASCYNSTK HQRSLDTASV DLCIKPKTIR LDESTLFFTW PDGHVTRYDL DWLVKNSYEG QKQEVIPRV LWNALYQDA QLPSVDFQGF LETKEGLKKF LQNFLLYGIA FVENVPPTQE HTEKLARRVS LIRETIYGRM WYFTSDFSRG DTAYTKLALD RHTDTTYFQE PCGIQVFHCL KHEGTGGRTL LVDGFYAAQ VLQRAPEEFD LLSQVPLKHE YIENVGQCHN HMIGVGPIIN IYPWNKELYL IRYNNYDRAV INTVPYDVVR RWYAAHRTL TELRRPENEL WVKLKPGKVL FIDNWRVLHG RESFTGYRQL CGCYLTRDDV LNTARILGLH A
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	TMLHE
Alternative Name:	Trimethyllysine dioxygenase, mitochondrial (Tmlhe) (TMLHE Products)
Background:	<p>Recommended name: Trimethyllysine dioxygenase, mitochondrial.</p> <p>EC= 1.14.11.8.</p> <p>Alternative name(s): Epsilon-trimethyllysine 2-oxoglutarate dioxygenase TML hydroxylase TML-alpha-ketoglutarate dioxygenase.</p> <p>Short name= TML dioxygenase.</p> <p>Short name= TMLD</p>
UniProt:	Q91ZW6

Application Details

Comment:	<p>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 modiflicated 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.</p>
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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.