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Datasheet for ABIN1677651

PLOD2 Protein (AA 26-737) (His tag)

Overview

Quantity:	1 mg
Target:	PLOD2
Protein Characteristics:	AA 26-737
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLOD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VAEET PSRIPADKLL VITVATKEND GFHRFMNSAK YFNyTVKVLG QGQEWRRGGDG MNSIGGGQKV RLMKEAMEHY AGQDDLVLf TECFDVIFAG GPEELLKKFQ KTNHKIVFAA DALLWPDKRL ADKYPGVHIG KRYLNSGGFI GYAPYISRLV QQWNLQDND DQLFYTKVYI DPLKREALNI TLDHRCKIFQ ALNGATDEVV LKFENGKSRV KNTFYETLPV AINGNGPSKI LLNYFGNYVP NSWTQENGCA LCDFDASDLS TVDVYPKVTL GVfIEQTPPF QPRFLDLLLT LDYPKEALRL FVHNKEVYHE KDIKAFVDKA KHDISSIKIV GPEENLSQAE ARNMGMDFCR QDEKCDYYFS VDADVLTNP RTLKILIEQN RKIIAPLVTR HGKLWSNFWG ALSPDGYEAR SEDYVDIVQG NRVGIWNPY MANVYLIQ GK TLRSEMSErN YFVRDKLDPD MSLCRNARDM GVFMYISNRH EFGRLISTAN YNTSHLNDL WQIFENPVDW KEKYINRDYS KIFTENIVEQ PCPDVFWFPI FSERACDELV EEMEHYKWS GGKHHDSRIS GGYENVPTDD IHMKQIDLEN VWLHFIREFI APVTLKVfAG YYTKGFALLN FVVKYSPERQ RSLRPHHDAS TFTINIALNN VGEDFQGGGC KFLRYNCSIE SPRKGWSFMH PGRlTHLHEG LPVKNgTRYI AVSFIDP
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Product Details

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:	PLOD2
Alternative Name:	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 (Plod2) (PLOD2 Products)
Background:	Recommended name: Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2. EC= 1.14.11.4. Alternative name(s): Lysyl hydroxylase 2. Short name= LH2
UniProt:	Q811A3
Pathways:	SARS-CoV-2 Protein Interactome

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

Handling

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.