

Datasheet for ABIN7590285

PLOD3 Protein (AA 28-741) (His tag)



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Overview

Quantity:	100 µg
Target:	PLOD3
Protein Characteristics:	AA 28-741
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLOD3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SDR PRGANPVNPD KLLVITVATA ETEGYRRFLQ SAEFFNYTVR TLGLGQEWGRG GDVARTVGGG</p> <p>QKVRWLKKEM EKYASQEDMI IMFVDSYDVI LASSPTELLK KVFQSGSHLL FSAESFCWPD</p> <p>WGLAEQYPEV GVGKRFLNSG GFIGFAPTIH RIVRQWKYKD DDDDQLFYTQ LYLDPGLREK</p> <p>LKLSLDHKSR IFQNLNGALD EVVLKFDQNR VRIRNVAYDT LPVVVHGNGP TKLQLNYLGN</p> <p>YVPNGWTPQG GCGFCNLNRR TLPGGQPPPR VLLAVFVEQP TPFLPRFLQR LLLLDYPPDR</p> <p>ISLFLHNNV YHEPHIADAW PQLQDHFSV KLVGPPEALS SGEARDMAMD SCRQNPECEF</p> <p>YFSLDADAVL TNPETLRILI EQNRKVIAPM LSRHGKLWSN FWGALSPDEY YARSEDYVEL</p> <p>VQRKRVGLWN VPYISQAYVI RGETLRTELP EKEVFSSSDT DPDMAFCRSV RDKGIFLHLS</p> <p>NQHEFGRLLS TSHYDTHLH PDLWQIFDNP VDWREQYIHE NYSRALDGEG LVEQPCPDVY</p> <p>WFPLLTEQMC DELVEEMEHY GQWSGGRHED SRLAGGYENV PTVDIHMKQV GYEDQWLQLL</p> <p>RTYVGPMTEH LFPGYHTKTR AVMNFFVRYR PDEQPSLRPH HDSSTFTLNV ALNHKGVDYE</p> <p>GGGCRFLRYD CRVSSPRKGW ALLHPGRLTH YHEGLPTTRG TRYIMVSFVD P</p>
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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:	PLOD3
Alternative Name:	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 (Plod3) (PLOD3 Products)
Background:	Recommended name: Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3. EC= 1.14.11.4. Alternative name(s): Lysyl hydroxylase 3. Short name= LH3
UniProt:	Q5U367

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
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.