Datasheet for ABIN7585401

P4HA1 Protein (AA 18-534) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	P4HA1
Protein Characteristics:	AA 18-534
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This P4HA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HPG FFTSIGQMTD LIHNEKDLVT SLKDYIKAEE DKLEQIKKWA EKLDRLTSTA TKDPEGFVGH PVNAFKLMKR LNTEWSELEN LILKDMSDGF ISNLTIQRQY FPNDEDQVGA AKALFRLQDT YNLDTNTISK GNLPGVKHKS FLTAEDCFEL GKVAYTEADY YHTELWMEQA LMQLEEGEMS TVDKVSVLDY LSYAVYQQGD LDKALLLTKK LLELDPEHQR ANGNLVYFEY IMSKEKDANK SASGDQSDQK TTPKKKGIAV DYLPERQKYE MLCRGEGIKM TPRRQKRLFC RYHDGNRNPK FILAPAKQED EWDKPRIIRF HDIISDAEIE IVKDLAKPRL SRATVHDPET GKLTTAQYRV SKSAWLSGYE DPVVSRINMR IQDLTGLDVS TAEELQVANY GVGGQYEPHF DFARKDEPDA FRELGTGNRI ATWLFYMSDV SAGGATVFPE VGASVWPKKG TAVFWYNLFA SGEGDYSTRH AACPVLVGNK WVSNKWLHER GQEFRRPCTL SELE
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:	P4HA1
Alternative Name:	Prolyl 4-hydroxylase subunit alpha-1 (P4ha1) (P4HA1 Products)
Background:	Recommended name: Prolyl 4-hydroxylase subunit alpha-1. Short name= 4-PH alpha-1. EC= 1.14.11.2. Alternative name(s): Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1
UniProt:	P54001

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.