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CYP27A1 Protein (AA 2-500) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP27A1
Protein Characteristics:	AA 2-500
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP27A1 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	GLLTGDLLG ILALAMVIFL LLVDLMHRRS RWAPRYPPGP MPLPGLGNLL QVNFQDPRLS
	FIQLRRRFGD VFSLQQIWRP VVVLNGLAAV REALVSHSHE TSDRPPVFIL EHLGYGPRSE
	GVILARYGKA WREQRRFSVS TLRNFGLGKK SLEEWVTQEA SCLCAAFADQ AGRPFSPNNL
	LNKAVSNVIA SLTFARRFEY NDPRMLKLLD LVLEGLKEEV GLMRQVLEAM PVLRHIPGLC
	AKLFPRQKAF LVMIDELITE HKMTRDLAQP PRDLTDAFLD EMKEAKGNPE SSFNDENLRL
	VVAHLFSAGM ITTSTTLAWA LLLMILHPDV QRRVQQEIDE VIGHVRQPEI KDQALMPFTL
	AVLHEVQRFG DIVPLGVAHM TSCDIEVQGF LIPKGTTLIT NLTSVLKDET VWKKPFRFYP
	EHFLDAQGRF TKQEAFMPFS AGRRSCLGEP LARMELFLFF TTLLQAFSFS VPTGQPCPSD
	HGVFAFLLFP SPYQLCAVPR
Specificity:	Sus scrofa (Pig)
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: CYP27A1 Alternative Name Vitamin D (3) 25-hydroxylase (CYP27A1 Products) Background: Recommended name: Vitamin D(3) 25-hydroxylase. EC= 1.14.13.15. Alternative name(s): CYPIID25 Cytochrome P450 2D25 UniProt: 046658 **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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.