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Datasheet for ABIN1622110  
**CYP2D15 Protein (AA 1-500) (His tag)**

### Overview

Quantity:	1 mg
Target:	CYP2D15
Protein Characteristics:	AA 1-500
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2D15 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MGLLTGDTLG PLAVAVAIFL LLVDLMHRRR RWATRYPPGP TPVPMVGNLL QMDFQEPICY FSQLQGRFGN VFSLELAWTP VVVLNGLEAV REALVHRSED TADRPPMPIY DHLGLGPESQ GLFLARYGRA WREQRRFSL S TLRNFGLGRK SLEQWVTEEA SCLCAAFAEQ AGRPFGPGAL LNKAVSNVIS SLTYGRRFEY DDPRLQLLE LTQQALKQDS GFLREALNSI PVLLHIPGLA SKVFSAQKAI ITLTNEMIQE HRKTRDPTQP PRHLIDAFVD EIEKAKGNPK TSFNEENLCM VTSDLFIAGM VSTSITLWA LLLMILHPDV QRRVQQEIDE VIGREQLPEM GDQTRMPFTV AVIHEVQRFG DIVPLGVPHM TSRDTEVQGF LIPKGTTLIT NLSSVLKDEK VWKKPFRFYP EHFLDAQGHF VKHEAFMPFS AGRRVCLGEP LARMELFLFF TCELLQRFSFS VPAGQPRPSD HGVFTFLKVP APFQLCVEPR
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: CYP2D15

Abstract: [CYP2D15 Products](#)

Background: Recommended name: Cytochrome P450 2D15.  
EC= 1.14.14.1.  
Alternative name(s): CYP11D15 Cytochrome P450 DUT2

UniProt: [Q29473](#)

## Application Details

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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

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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.