

Datasheet for ABIN7584063

CYP1A2 Protein (AA 2-513) (His tag)



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Overview

Quantity:	100 µg
Target:	CYP1A2
Protein Characteristics:	AA 2-513
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP1A2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>AFSQYISLA PELLATAIF CLVFWVLRGT RTQVPKGLKS PPGPWGLPFI GHMLTLGKNP</p> <p>HLSLTKLSQQ YGDVLQIRIG STPVVLSGL NTIKQALVKQ GDDFKGRPDL YSFTLITNGK</p> <p>SMTFNPDSGP VWAARRRLAQ DALKSFSIAS DPTSVSSCYL EEHVSKEANH LISKFQKLMA</p> <p>EVGHFEPVNQ VVESVANVIG AMCFGKNFPR KSEEMLNLVK SSKDFVENVT SGNVDFFPV</p> <p>LRYLNPALK RFKNFNDNFV LFLQKTVQEH YQDFNKNSIQ DITGALFKHS ENYKDNGLI</p> <p>PQEKIVNIVN DIFGAGFETV TTAIFWSILL LVTEPKVQRK IHEELDTVIG RDRQPRLSDR</p> <p>PQLPYLEAFI LEIYRYTSFV PFTIPHSTTR DTSLNFGHIP KECCIFINQW QVNHDEKQWK</p> <p>DPFVFRPERF LTNDNTAIDK TLSEKVMLFG LGKRRCIGEI PAKWEVFLFL AILLHQLEFT</p> <p>VPPGVKVDLT PSYGLTMKPR TCEHVQAWPR FSK</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: CYP1A2

Alternative Name: Cytochrome P450 1A2 (Cyp1a2) ([CYP1A2 Products](#))

Background: Recommended name: Cytochrome P450 1A2.
EC= 1.14.14.1.
Alternative name(s): CYP1A2 Cytochrome P-448 Cytochrome P-450d Cytochrome P450-D

UniProt: [P04799](#)

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 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.