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Datasheet for ABIN1474398

## UGT2A1 Protein (AA 21-490) (His tag)

### Overview

Quantity:	1 mg
Target:	UGT2A1
Protein Characteristics:	AA 21-490
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This UGT2A1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>GNVLIWPMEG SHWLNVKIII DELLRKEHNV TVLVASGALF</p> <p>ITPSVSPSLT FEIYPVPFGK EKIESVIKDF VLTWLENRPS PSTIWTFYKE MAKVIEEFHL</p> <p>VSRGICDGV LKNEKLMTKLQ RKGFEVLLSD PVFPCGDIVA LKLGIPIFY LRFSPASTVE</p> <p>KHCGKVPFPP SYVPAILSEL TDQMSFADRV RNFISYRMQD YMFETLWKQW DSYYSKALGR</p> <p>PTTLCETMGK AEIWL MRTYW DFEFPRPYLP NFEFVGGLHC KPAKPLPKEM EEFVQTSGEH</p> <p>GVVVFSLGSM VKNL TEEKAN LIASALAIQIP QKVLWRYKGG IPATLGSNTR LFDWIPQNDL</p> <p>LGHPKTRAFI THGGTNGIYE AIYHGIPMVG VPMFADQPDN IAHMKAKGAA VEVNMNTMTS</p> <p>ADLLSAVRV INEFPYKENA MRLSRIHHDQ PVKPLDRAVF WIEFVMRHKG AKHLRVA AHD</p> <p>LSWFQYHSLD</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

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Purity: > 90 %

## Target Details

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Target: UGT2A1

Alternative Name: UDP-glucuronosyltransferase 2A1 (Ugt2a1) ([UGT2A1 Products](#))

Background: Recommended name: UDP-glucuronosyltransferase 2A1.  
Short name= UDPGT 2A1.  
EC= 2.4.1.17.  
Alternative name(s): UGT-OLF

UniProt: [P36510](#)

Pathways: [Steroid Hormone Biosynthesis](#)

## 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

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.