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Datasheet for ABIN1653970

UGT2A3 Protein (AA 24-494) (His tag)

Overview

Quantity:	1 mg
Target:	UGT2A3
Protein Characteristics:	AA 24-494
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This UGT2A3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>GKVLVWP CEMSHWLNLK TLLEELVKRG HEVTVLTLN NLFIDYNRHP AFNFEVIPVP</p> <p>TDKNMSENIL NEFIELAVNV MPTMPLWQSG KLLQQFFVQI TEDLGLNCRN TVYNQSLMKK</p> <p>LRDSKYDVLV TDPVPCGEL VAEMLGVPFV NMLKFMSGHT IEKYCGQLPA PPSYVPVPLG</p> <p>GLTTRMTFME RVKNMVFSL FDFWIQQYDY KFDWQFYSEA LGRPTTLCEI MGKAEIWLIR</p> <p>TYWDFEFPRP YLPNFEFVGG LHCKPAKPLP KEMEETFVQSS GEDGVVVFSL GSMVKNLTEE</p> <p>KANLIASALA QIPQKVLWRY KGKKPATLGP NTRLFDWIPQ NDLLGHPKTK AFITHGGSNG</p> <p>IYEAHYHGVP MVGMPIFSDQ PDNLAGMKAK GAAVEVMNT MTSADLLGAL RTVINDPTYK</p> <p>ENAMKLSRIH HDQPVKPLDR AAFWVEFVMH HKGAKHLRVA AHDLSWFQYH SLDV</p>
Specificity:	Cavia porcellus (Guinea pig)
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: UGT2A3

Alternative Name: UDP-glucuronosyltransferase 2A3 (UGT2A3) ([UGT2A3 Products](#))

Background: Recommended name: UDP-glucuronosyltransferase 2A3.
Short name= UDPGT 2A3.
EC= 2.4.1.17

UniProt: [Q9R110](#)

Pathways: [Steroid Hormone Biosynthesis](#)

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 modiflicated 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.