

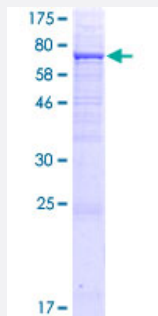
Full-Length

UGT2A3 (Human) Recombinant Protein (P01)

Catalog # H00079799-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UGT2A3 full-length ORF (NP_079019.2, 1 a.a. - 527 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRSDKSALVFLLQLFCVGCFCGKVLWPCDMSHWLNVKIVLEELVRGHEVTVLTHSKPSLID
YRKPSALKFEVVHMPQDRTEENEIFVDLALNVLPGLSTWQSVIKLNDFFVEIRGLKMMCESFYN
QTLMKKLQETNYDVMLIDPVIPCGDLMAELLAVPFVLTLRISVGGNMERSCGKLPAPLSYVPVPM
GLTDRMTFLERVKNSMLSVLFHFWDYDYHFWEEFYKALGRPTTLCETVGKAEWLIRTYWDFE
FPQPYQPNFEFVGGLHCKPAKALPKEMENFVQSSGEDGMVFSLSGLFQNVTEEKANIIASALAQI
PQKVLWRYKGKKPSTLGANTRYDWIPQNDLLGHPKTKAFITHGGMNGIYEAMHGVPVGVPIFG
DQLDNIAHMKAKGAAVEINFKTMTSEDLRLALRTVITDSSYKENAMRLSRIHHDQPVKPLDRAVFWI
EFVMRHKGAKHLRSAHDLTWQFQHSIDVIGFLLTCVATAIFLFTKCFLFSCQKFNKTRKIEKRE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.7

Interspecies Antigen Sequence

Mouse (67); Rat (69)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UGT2A3

Entrez GeneID	79799
GeneBank Accession#	NM_024743.2
Protein Accession#	NP_079019.2
Gene Name	UGT2A3
Gene Alias	FLJ21934
Gene Description	UDP glucuronosyltransferase 2 family, polypeptide A3
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Pathway

- [Androgen and estrogen metabolism](#)
- [Ascorbate and aldarate metabolism](#)

- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Retinol metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)