

Product datasheet for **TP327991L**

UGT2B10 (NM_001144767) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human UDP glucuronosyltransferase 2 family, polypeptide B10 (UGT2B10), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC227991 representing NM_001144767
Red=Cloning site **Green**=Tags(s)

MALKWTTVLLIQLSFYFSSGSCGKVLVWAAEYSLWMNMKILKELVQRGHEVTVLASSASILFDPNDSST
LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPFSQEQEILWAINDIIRNFCKDVSNNKLMKKLQ
ESRFDIVFADAYLPCGRPTTLSETMRKADIWLMRNSWNFKFPHFPLPNVDFVGGHLHCKPAKPLPKEMEEF
VQSSGENGVVVFSLGSMVSNMTEERANVIATALAKIPQKVLWRFDGNKPDALGLNTRLYKWIPQNDLLGH
PKTRAFITHGGANGIYEAIYHGIPMVGIPLFFDQPDNIAHMKAKGA AVRVD FNTMSSTDLLNALKTVIND
PSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTWFQYHSLDVGIFLLACVATVL
FIITKCLFCFWKFARKGKGGKRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 50.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

RefSeq: [NP_001138239](#)

Locus ID: 7365

UniProt ID: [P36537](#)

Cytogenetics: 4q13.2

RefSeq ORF: 1332

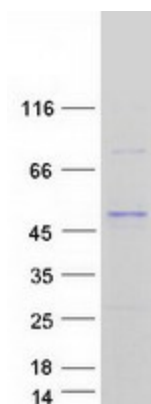
Synonyms: UDPGT2B10

Summary: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Protein Pathways: 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

Product images:



Coomassie blue staining of purified UGT2B10 protein (Cat# [TP327991]). The protein was produced from HEK293T cells transfected with UGT2B10 cDNA clone (Cat# [RC227991]) using MegaTran 2.0 (Cat# [TT210002]).