

## Product datasheet for PH327991

### UGT2B10 (NM\_001144767) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UGT2B10 MS Standard C13 and N15-labeled recombinant protein (NP_001138239)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227991
Predicted MW:	50.5 kDa
Protein Sequence:	>RC227991 representing NM_001144767 Red=Cloning site Green=Tags(s)

MALKWTTVLLIQLSFYFSSGSCGKVLVWAAEYSLWMNMKTILKELVQRGHEVTVLASSASILFDPNDSST  
LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPSQEQEILWAINDIIRNFCKDVVSNKKLMKKLQ  
ESRFDIVFADAYLPCGRPTTLETMRKADIWLMRNSWNFKFPHFPLPNVDFVGGLHCKPAKPLPKEMEEF  
VQSSGENGVVVFSLGSMVSNMTEERANVIATALAKIPQKVLWRFDGNKPDALGLNTRLKWKIPQNDLLGH  
PKTRAFITHGGANGIYEAIYHGIPMVGIPLFFDQPDNIAHMKAKGAAVRVDFNTMSSTDLLNALKTVIND  
PSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTWFQYHSLDVGIFLLACVATVL  
FIITKCLFCFWKFARKGKGGKRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001138239</a>
RefSeq ORF:	1332
Synonyms:	UDPGT2B10
Locus ID:	7365



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UniProt ID: [P36537](#)

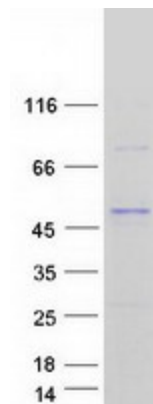
Cytogenetics: 4q13.2

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]).