

## Product datasheet for PH323408

### UGT2B10 (NM\_001075) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UGT2B10 MS Standard C13 and N15-labeled recombinant protein (NP_001066)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223408
Predicted MW:	60.6 kDa
Protein Sequence:	>RC223408 representing NM_001075 Red=Cloning site Green=Tags(s)

MALKWTTVLLIQLSFYFSSGSCGKVLVWAAEYSLWMNMKTILKELVQRGHEVTVLASSASILFDPNDSST  
LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPFSQEQEILWAINDIIRNFCKDVVSNKKLMKKLQ  
ESRFDIVFADAYLPCGELLAELFNIPFVYSHSFSPGYSFERHSGGFIFPPSYVPVVMKLSQMTFMERV  
KNMLYVL YDFWFQIFNMKKWDQFYSEVLGRPTTLSETMRKADIWLMRNSWNFKFPHFPLPNVDFVGGGLH  
CKPAKPLPKEMEEFVQSSGENGVVVFSLGSMVSNMTEERANVIATALAKIPQKVLWRFDGNKPDALGLNT  
RLYKWIPQNDLLGHPKTRAFITHGGANGIYEAIYHGIPMVGIPLFFDQPDNIAHMKAKGA AVRVDFTMS  
STDLLNALKTVINDPSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVA AHNLTW FQYHSL  
DVI GFL LACVATVLF IITKCLFCFWKFARKGKGGKRD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

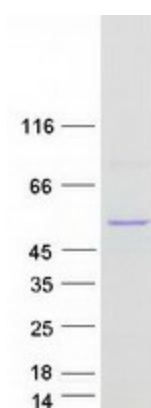
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001066</u>
RefSeq Size:	1620
RefSeq ORF:	1584



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<b>Synonyms:</b>	UDPGT2B10
<b>Locus ID:</b>	7365
<b>UniProt ID:</b>	<a href="#">P36537</a>
<b>Cytogenetics:</b>	4q13.2
<b>Summary:</b>	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	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# [TP323408]). The protein was produced from HEK293T cells transfected with UGT2B10 cDNA clone (Cat# [RC223408]) using MegaTran 2.0 (Cat# [TT210002]).