

## Product datasheet for **TP323408L**

### UGT2B10 (NM\_001075) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human UDP glucuronosyltransferase 2 family, polypeptide B10 (UGT2B10), transcript variant 1, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC223408 representing NM\_001075  
**Red**=Cloning site **Green**=Tags(s)

MALKWTTVLLIQLSFYFSSGSCGKVLVWAAEYSLWMNMKILKELVQRGHEVTVLASSASILFDPNDSST  
LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPFSQEQEILWAINDIIRNFCKDVSNNKLMKKLQ  
ESRFDIVFADAYLPCGELLAELFNIPFVYSHSFSPGYSFERHSGGFIFPPSYVPVVMKLSLQMTFMERV  
KNMLYVLYFDFWFQIFNMKKWDQFYSEVLGRPTTLSETMRKADIWLMRNSWNFKFPHFPLPNVDFVGGGLH  
CKPAKPLPKEMEEFVQSSGENGVVFSLSGSMVSNMTEERANVIATALAKIPQKVLWRFDGNGKPDALGLNT  
RLYKWIPQNDLLGHPKTRAFITHGGANGIYEAIYHGIPMVGIPLFFDQPDNIAHMKAKGAARVDFNTMS  
STDLLNALKTVINDPSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTWFQYHSL  
DVIGFLLACVATVLFITKCCLFCFWKFARKGKGGKRD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

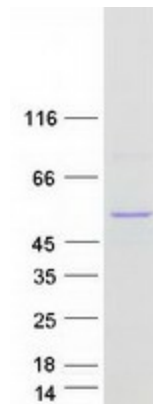
**Tag:** C-Myc/DDK  
**Predicted MW:** 60.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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.



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                |
| <b>RefSeq:</b>           | <u>NP_001066</u>                                                                                                                                                                                                                                                                                                                             |
| <b>Locus ID:</b>         | 7365                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <u>P36537</u>                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq Size:</b>      | 1620                                                                                                                                                                                                                                                                                                                                         |
| <b>Cytogenetics:</b>     | 4q13.2                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq ORF:</b>       | 1584                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms:</b>         | UDPGT2B10                                                                                                                                                                                                                                                                                                                                    |
| <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]).