

## Product datasheet for **TP309702L**

### UGT3A1 (NM\_152404) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human UDP glycosyltransferase 3 family, polypeptide A1 (UGT3A1), 1 mg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209702 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                 |

MVGQRVLLLVAFLLSGVLLSEAAKILTISTLGGSHYLLLDVRSQILQEHHNVTMLHQSGKFLIPDIKEE  
EKSYQVIRWFSPEDHQKRIKKHFDSYIETALDGRKESEALVKLMEIFGTQCSYLLSRKDIMDSLKNENYD  
LVFVEAFDFCSFLIAEKLKVPFVAILPTTFGSLDFGLPSPLSYVPVPSLLTDHMDFWGRVKNFLMFFSF  
SRSQWDMQSTFDNTIKEHFPEGSRPVLSHLLLKAELWVFNNSDFAFDFARPLLNTVYIGGLMEKPIKPVP  
QDLDNFIANFGDAGFVLVAFGSM LNTHQSQEVLLKMMHNAFAHLPQGVWTCQSSHWPRDVHLATNVKIVD  
WLPQSDLLAHP SIRLFVTHGGQNSVMEAIRHGVP MVGLPVNGDQHGNMVRVVAKNYGV SIRLNQVTADTL  
TLTMKQVIEDKRYKSAVVAASVILHSQPLSPAQRLVGVGDHILQTTGGATHLKP YAFQQPWHEQYLIDV FV  
FLLGLTLGTMWLCGKLLGVVARWLRGARKVKKT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

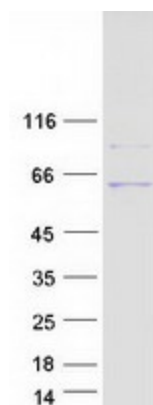
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 59 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 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.  |



[View online »](#)

|                   |  |
|-------------------|--|
| Stability:        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:           | <a href="#">NP_689617</a>  |
| Locus ID:         | 133688   |
| UniProt ID:       | <a href="#">Q6NUS8</a>   |
| RefSeq Size:      | 2888   |
| Cytogenetics:     | 5p13.2   |
| RefSeq ORF:       | 1569   |
| Summary:          | UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds (By similarity).[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Transmembrane  |

### Product images:



Coomassie blue staining of purified UGT3A1 protein (Cat# [TP309702]). The protein was produced from HEK293T cells transfected with UGT3A1 cDNA clone (Cat# [RC209702]) using MegaTran 2.0 (Cat# [TT210002]).