

## Product datasheet for PH309702

### UGT3A1 (NM\_152404) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UGT3A1 MS Standard C13 and N15-labeled recombinant protein (NP_689617)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209702
Predicted MW:	59.2 kDa
Protein Sequence:	>RC209702 protein sequence Red=Cloning site Green=Tags(s)

MVGQRVLLLVAFLLSGVLLSEAAKILTISTLGGSHYLLLDVRSQILQEHGHNVTMLHQSGKFLIPDIKEE  
EKSYQVIRWFSPEDHQKRIKKHFDSYIETALDGRKESEALVKLMEIFGTQCSYLLSRKDIMDSLKNENYD  
LVFVEAFDFCSFLIAEKLVKPFVAILPTTFGSLDFGLPSLSYVPVFPSSLTDHMDFWGRVKNFLMFFSF  
SRSQWDMQSTFDNTIKEHFPEGSRPVLSHLLKAEWVNSDFAFDFARPLLNTVYIGGLMEKPIKVPV  
QDLDNFIANFGDAGFVLVAFGSMLNTHQSQEVLLKMHNAFAHLPQGVIIWTCQSSHWPRDVHLATNVKIVD  
WLPQSDLLAHPRIQLFVTHGGQNSVMEAIRHGVPVGLPVNGDQHGNMVRVVAKNYGVSIQLNQVTADTL  
TLTMKQVIEDKRYKSAVVAASVILHSQPLSPAQRLLVGVWIDHILQTTGGATHLKPYPYAFQPPWHEQYLIDVVF  
FLLGLTLGTMWLCGKLLGVVARWLRGARKVKKT

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:	<u><a href="#">NP_689617</a></u>
RefSeq Size:	2888
RefSeq ORF:	1569



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Locus ID: 133688

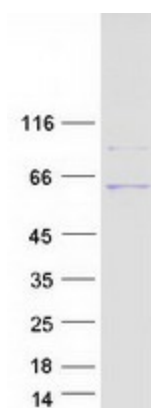
UniProt ID: [Q6NUS8](#), [A8K444](#), [B7Z3N0](#)

Cytogenetics: 5p13.2

**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]).