

Product datasheet for TP309702

UGT3A1 (NM_152404) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UDP glycosyltransferase 3 family, polypeptide A1 (UGT3A1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209702 protein sequence Red =Cloning site Green =Tags(s)

MVGQRVLLLVAFLLSGVLLSEAAKILTISTLGGSHYLLLDVRSQILQEHHGHNVTMLHQSGKFLIPDIKEE
EKSYQVIRWFSPEDHQKRIKKHFDSYIETALDGRKESEALVKLMEIFGTQCSYLLSRKDIMDSLKNENYD
LVFVEAFDFCSFLIAEKLKVPFVAILPTTFGSLDFGLPSPLSYVPVPSLLTDHMDFWGRVKNFLMFFSF
SRSQWDMQSTFDNTIKEHFPEGSRPVLSHLLLKAELWVFNNSDFAFDFARPLLNTVYIGGLMEKPIKPVP
QDLDNFIANFGDAGFVLVAFGSM LNTHQSQEVLLKMMHNAFAHLPQGVWTCQSSHWPRDVHLATNVKIVD
WLPQSDLLAHP SIRLFVTHGGQNSVMEAIRHGVP MVGLPVNGDQHGNMVRV VAKNYGVSIRLNQVTADTL
TLTMKQVIEDKRYKSAVVAASVILHSQPLSPAQRLVGVGDHILQTTGGATHLKP YAFQQPWHEQYLIDV FV
FLLGLTLGTMWLCGKLLGVVARWLRGARKVKKT

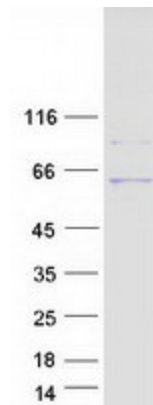
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.



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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:	NP_689617
Locus ID:	133688
UniProt ID:	Q6NUS8 , A8K444 , B7Z3N0
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]).