

Product datasheet for TP323408

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223408 representing NM_001075 Red =Cloning site Green =Tags(s)

MALKWTTVLLIQLSFYFSSGSCGKVLWAAEYSLWMNMKTILKELVQRGHEVTVLASSASILFDPNDSST
LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPFSQEQEILWAINDIIRNFKCDVVSNNKKLMKKLQ
ESRFDIVFADAYLPCGELLAELFNIPFVYSHSFPSPGYSEFERHSGGFIFPPSYVPVMSKLSQMTFMERV
KNMLYVLYFDFWFQIFNMKKWDQFYSEVLGRPTTLSETMRKADIWLMRNSWNFKFHPFLPNVDFVGG
LH
CKPAKPLPKEMEEFVQSSGENGVVWVSLGSMVSNMTEERANVIATALAKIPQKVLWRFDGNKPDALGLNT
RLYKWIPQNDLLGHPKTRAFITHGGANGIYEAIYHGIPMVGIPLFFDQPDNIAHMKAKGAAVRVDFNTMS
STDLLNALKTVINDPSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTWFQYHSL
DVIGFLLACVATVLFITKCCCLFCFWKFARKGKGGKRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

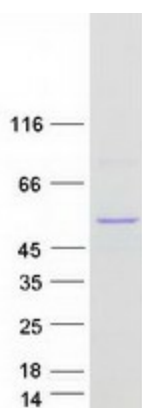
Tag:	C-Myc/DDK
Predicted MW:	60.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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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_001066
Locus ID:	7365
UniProt ID:	P36537
RefSeq Size:	1620
Cytogenetics:	4q13.2
RefSeq ORF:	1584
Synonyms:	UDPGT2B10
Summary:	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane
Protein Pathways:	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]).