

Recombinant Full Length Human UGT2B7 Protein, GST-tagged

Cat. No. UGT2B7-542HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human UGT2B7(1 a.a. - 529 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	529 amino acids
Description	The protein encoded by this gene belongs to the UDP-glycosyltransferase (UGT) family. UGTs serve a major role in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This protein is localized in the microsome membrane, and has unique specificity for 3,4-catechol estrogens and estriol, suggesting that it may play an important role in regulating the level and activity of these potent estrogen metabolites.
Molecular Mass	84.59 kDa
AA Sequence	MSVKWTSVIL LIQLSFCFSS GNCGKVLVWA AEYSHWMNIK TILDELIQRG HEVTVLASSA SILFDPNNSS ALKIEIYPTS LTKTELENFI MQQIKRWSDL PKDTFWLYFS QVQEIMSIFG DITRKFCCKDV VSNKKFMKKV QESRFDVIFA DAIFPCSELL AELFNIPFVY SLSFSPGYTF EKHSGGFIFP PSYVPVVMSE LTDQMTFMER VKNMIYVLYF DFWFEIFDMK KWDQFYSEVL GRPTTLSETM GKADVWLIRN SWNFQFPYPL LPNVDFVGGL HCKPAKPLPK EMEDFVQSSG ENGVVVFSLG SMVSNMTEER ANVIASALAQ IPQKVLWRFD GNKPDTLGLN

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TRLYKWIPQN DLLGHPKTRA FITHGGANGI YEAIYHGIPM VGIPLFADQP
 DNIAHMKARG AAVRVDFNTM SSTDLLNALK RVINDPSYKE NVMKLSRIQH
 DQPVKPLDRA VFWIEFVMRH KGAKHLRVAA HDLTWFQYHS LDVIGFLLVC
 VATVIFIVTK CCLFCFWKFA RKAKKGKND

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name UGT2B7 UDP glucuronosyltransferase 2 family, polypeptide B7 [Homo sapiens (human)]

Official Symbol UGT2B7

Synonyms UGT2B7; UDP glucuronosyltransferase 2 family, polypeptide B7; UDP glycosyltransferase 2 family, polypeptide B7; UDP-glucuronosyltransferase 2B7; UGT2B9; 3 4 catechol estrogen specific; UDP glucuronosyltransferase 2 family polypeptide B7; UDP glucuronosyltransferase 2B7; UDP glucuronyltransferase family 2 beta 7; UDP glycosyltransferase 2 family polypeptide B7; UDPGT; UDPGTh 2; UDPGTh2; UGT2B9; UGTB2B9; UDPGTh-2; UDPGT 2B7; 3,4-catechol estrogen specific; UDP glucuronosyltransferase 2B7; UDP-glucuronosyltransferase 2B9; 3,4-catechol estrogen-specific UDPGT; UDP-glucuronyltransferase, family 2, beta-7; UDPGTH2; UDPGT2B7; UDPGT 2B9

Gene ID 7364

mRNA Refseq NM_001074

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Protein Refseq	NP_001065
MIM	600068
UniProt ID	P16662

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