

# Recombinant Full Length Human UGT2B7 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human UGT2B7(1 a.a. - 529 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	529 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	84.59 kDa
<b>AA Sequence</b>	MSVKWTSVIL LIQLSFCFSS GNCGKVLVWA AEYSHWMNIK TILDELIQRG HEVTVLASSA SILFDPNNS ALKIEIYPTS LTKTELENFI MQQIKRWSDL PKDTFWLYFS QVQEIMSIFG DITRKFCKDV 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 HDLTFWFQYHS LDVIGFLLVC  
 VATVIFIVTK CCLFCFWKFA RKAKKGGKND

**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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<b>Protein Refseq</b>	NP_001065
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<b>MIM</b>	600068
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<b>UniProt ID</b>	P16662
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