

Recombinant Full Length Human UGT2B15 Protein, C-Flag-tagged

Cat. No. UGT2B15-996HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human UGT2B15 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a glycosyltransferase that is involved in the metabolism and elimination of toxic compounds, both endogenous and of xenobiotic origin. This gene plays a role in the regulation of estrogens and androgens. This locus is present in a cluster of similar genes and pseudogenes on chromosome 4.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	60.9 kDa
AA Sequence	MSLKWTSVFLLIQLSCYFSSGSCGKVLVWPTEYSHWINMKTILEELVQRGHEVTVLT SSASTLVNASKSS AIKLEVYPTSLTKNYLEDSELLKILDRWIYGVSKNTFWYSYFSQLQE LCWEYYDYSNKLCKDAVLNKKLMMK LQESKFDVILADALNPCGELLAELFNIPFLYS LRFSVGYTFEKNGGGFLFPPSYVPVVMSELSDQMIFME RIKNMIHMLYFDFWFQIYD LKKWDQFYSEVLGRPTTLFETMGKAEMWLIRTYWDFEFPRPFLPNVDFVGG LHCK PAKPLPKEMEEFVQSSGENGIVVFSLGSMISNMSEESANMIASALAQIPQKVLWRFD GKKPNTLGS NTRLYKWLPQNDLLGHPKTKAFITHGGTNGIYEAIYHGIPMVGIPFLFAD QHDNIAHMKAKGAALSVDIRT MSSRDLLNALKSVINDPVYKENVMKLSRIHHDQPMK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PLDRAVFWIEFVMRHKGAKHLRVAAHNLTWQYH
SLDVIAFLLACVATVIFITKFLFCFRKLAKKGKKKKRDTRTRPLEQKLISEEDLAANDI
LDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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
Full Length	Full L.

GENE INFORMATION

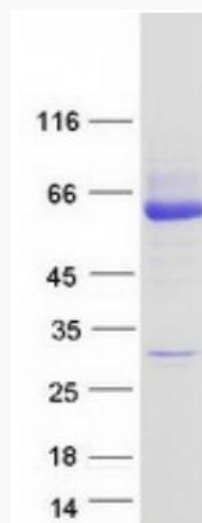
Gene Name UGT2B15 UDP glucuronosyltransferase family 2 member B15 [Homo sapiens (human)]

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Official Symbol	UGT2B15
Synonyms	HLUG4; UGT2B8; UDPGTH3; UDPGT 2B8; UDPGT2B15
Gene ID	7366
mRNA Refseq	NM_001076.4
Protein Refseq	NP_001067.2
MIM	600069
UniProt ID	P54855



Coomassie blue staining of purified UGT2B15 protein.