Recombinant Human UGT1A6 Protein

Cat. No. UGT1A6-96H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UGT1A6 protein without tag was expressed in insect cells.
Species	Human
Source	Insect cells
Description	This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The enzyme encoded by this gene is active on phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants.

GENE INFORMATION

Gene Name	UGT1A6 UDP glucuronosyltransferase family 1 member A6 [Homo sapiens (human)]
Official Symbol	UGT1A6

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

Synonyms	UGT1A6; UDP glucuronosyltransferase family 1 member A6; GNT1; UGT1; HLUGP; UDPGT; UGT1A; UGT1C; UGT1E; UGT1F; HLUGP1; UGT-1A; UGT-1C; UGT-1E; UGT1.1; UGT1.3; UGT1.5; UGT1A1; UGT1A3; UGT1A5; UGT1-01; UGT1-03; UGT1-05; UGT1A6S; hUG-BR1; UDPGT 1-6; UDP-glucuronosyltransferase 1-6; Bilirubin-specific UDPGT isozyme 1; UDP glucuronosyltransferase 1 family, polypeptide A6; UDP glycosyltransferase 1 family, polypeptide A6; UDP-glucuronosyltransferase 1 family polypeptide A6s; UDP-glucuronosyltransferase 1-1; UDP-glucuronosyltransferase 1-3; UDP-glucuronosyltransferase 1-5; UDP-glucuronosyltransferase 1-A; UDP-glucuronosyltransferase 1-C; UDP-glucuronosyltransferase 1-E; UDP-glucuronosyltransferase 1-F; UDP-glucuronosyltransferase 1A1; UDP-glucuronosyltransferase 1A3; UDP-glucuronosyltransferase 1A5; UDP-glucuronosyltransferase 1A6; UDPGT 1-1; UDPGT 1-3; UDPGT 1-5; UGT-1FUGT1*6; UGT1-06; UGT1.6; phenol-metabolizing UDP-glucuronosyltransferase
Gene ID	54578
mRNA Refseq	NM_001072
Protein Refseq	NP_001063
MIM	606431
UniProt ID	P19224

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