Recombinant Human UGT1A10 Protein, MYC/DDK-tagged

Cat. No. UGT1A10-513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UGT1A10 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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 has glucuronidase activity on mycophenolic acid, coumarins, and quinolines. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	57.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	UDP glucuronosyltransferase family 1 member A10[Homo sapiens]
Official Symbol	UGT1A10
Synonyms	UDPGT; UGT-1J; UGT1-10; UGT1.10; UGT1J
Gene ID	54575
mRNA Refseq	NM_019075.2
Protein Refseq	NP_061948.1
MIM	606435
UniProt ID	Q5DT02

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