

# Human UGT1A1 Recombinant Protein



RPPB2399

## Product Information Protein Information

**Product SKU:**

RPPB2399

**Accession:**

P22309

**Host:**

Escherichia Coli.

**Protein description:**

UGT1A1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 488 amino acids (26-490 a.a) and having a molecular mass of 54.7kDa. UGT1A1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

UDP Glucuronosyltransferase 1 Family, Polypeptide A1, UGT1, GNT1, UDP Glycosyltransferase 1 Family, Polypeptide A1, Bilirubin-Specific UDPGT Isozyme 1, UDP-Glucuronosyltransferase 1-A, UDP-Glucuronosyltransferase 1A1, EC 2.4.1.17, UDPGT 1-1, BILIQTL1, HUG-BR1, UGT1-01, UGT-1A, UGT1\*1, UGT1.1, UGT1A, Bilirubin UDP-Glucuronosyltransferase Isozyme 1, Bilirubin UDP-Glucuronosyltransferase 1-1, UDP-Glucuronosyltransferase 1-1, UDPGT, UDP-glucuronosyltransferase 1-1.

**Formulation:**

UGT1A1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSAGKILL IPVDGSHWLS MLGAIQQLQQ RGHEIVVLAP DASLYIRDGA  
FYTLKTPVP FQREDVKESF VSLGHNVFEN DSFLQRVIKT YKKIKKDSAM LLSGCSHLLH NKELMASLAE  
SSFDVMLTDP FLPCSPIVAQ YLSLPTVFFL HALPCSLEFE ATQCPNPFYS VPRPLSSHSD HMTFLQRVKN  
MLIAFSQNFL CDVVYSPYAT LASEFLQREV TVQDLLSSAS VWLFRSDFVK DYPRPIMPNM VFVGGINCLH  
QNPLSQEFEA YINASGEHGI VVFLGSMVS EIPEKKAMAI ADALGKIPQT VLWRYTGTRP SNLANNTILV  
KWLPQNDLLG HPMTRAFITH AGSHGVYESI CNGVPMVMMP LFGDQMDNAK RMETKGAGVT LNVLEMTSED  
LENALKAVIN DKSYPENIMR LSSLHKDRPV EPLDLAVFVW EFVMRHKGAP HLRPAAHDLT WYQYHSLD.