

UDP Glucuronosyltransferase 1 Family Polypeptide A1 Human Recom-

Item Number	rAP-2040
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
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.
Uniprot Accession Number	P22309
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGS HAGKILL IPVDGSHWLS MLGAIQQLQQ RGHEIVVLAP DASLYIRDGA FYTLKTYVPV FQREDVKESF VSLGHNVFEN DSFLQRVIKT YKKIKKDSAM LLSGC SHLLH NKELMASLAE SSFDVMLTDP FLPCSPIVAQ YLSLPTVFFL HALPCSLEFE ATQCPNPFSY VPRPLSSHSD HMTFLQRVKN MLIAFSQNFL CDVVYSPYAT LASEFLQREV TVQDLLSSAS VWLFRSDFVK DYPRPIMPNM VFVGGINCLH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	UGT1A1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**