

Recombinant Human UGT2B4 protein, His-tagged

Cat. No. UGT2B4-3519H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGT2B4 protein(169-528 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	169-528 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VYSLRFSPGYAIEKHSGLLFPPSYVPVVMSELSQMTFIERVKNMIVLYFEFWFQI FDMKKWDQFYSEVLGRPTTLSETMAKADIWLIRNYWDFQFPHLLPNVEFVGGLHC KPAKPLPKEME EFVQSSGENGVVVFSLGSMVSNTSEERANVIASALAKIPQKVLWRF DGNKPDTLGLNTRLKYKWIPQNDLLGHPKTRAFITHGGANGIYEAIYHGIPMVGVPPLFA DQPDNIAHMKAKGA AVSLDFHTMSSTDLLNALKTVINDPLYKENAMKLSRIHHDQPV KPLDRAVFWIEFVMRHKGAKHLRVA AHDLTWFQYHSLDVTGFLACVATVIFIITKCL FCVWK FVRTGKKGKRD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name UGT2B4 UDP glucuronosyltransferase 2 family, polypeptide B4 [Homo sapiens]

Official Symbol UGT2B4

Synonyms

UGT2B4; UDP glucuronosyltransferase 2 family, polypeptide B4; UDP glycosyltransferase 2 family, polypeptide B4; UDP-glucuronosyltransferase 2B4; UGT2B11; UDPGTh-1; UDPGT 2B4; hyodeoxycholic acid; UDP glucuronosyltransferase 2B4; hyodeoxycholic acid-specific UDPGT; UDP-glucuronyltransferase, family 2, beta-4; HLUG25; UDPGTH1; UDPGT2B4;

Gene ID 7363

mRNA Refseq NM_021139

Protein Refseq NP_066962

MIM 600067

UniProt ID P06133

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