

Recombinant Human UGT1A6 protein, His-tagged

Cat. No. UGT1A6-2517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGT1A6 protein(176-488 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	176-488 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	CSLEHTFSRSPDPVSYIPRCYTKFSDHMTFSQRVANFLVNLLPYLFYCLFSKYEELA SAVLKRDVDIITLYQKVS VWLLRYDFVLEYPRPVMPNMVFIGGINCKKRKDLSQEFEA YINASGEHGIVVFSLGSMVSEIPEKKAMATADALGKIPQTVLWRYTGTRPSNLANNTI LVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQMDNAKRME TKGAGVTLNVLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWV EFVMRHKGAPHLRPAAHDLTWYQYHSL
Purity	90%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/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

UGT1A6 UDP glucuronosyltransferase 1 family, polypeptide A6 [Homo sapiens]

Official Symbol

UGT1A6

Synonyms

UGT1A6; UDP glucuronosyltransferase 1 family, polypeptide A6; UDP glycosyltransferase 1 family, polypeptide A6; UDP-glucuronosyltransferase 1-6; GNT1; HLUGP; UGT1F; UGT-1F; UGT1*6; UGT1.6; UGT1-06; UDP-glucuronosyltransferase 1-F; UDP-glucuronosyltransferase 1A6; phenol-metabolizing UDP-glucuronosyltransferase; UDP-glucuronosyltransferase 1 family polypeptide A6s; UGT1; UDPGT; HLUGP1; UGT1A6S; UDPGT 1-6; MGC29860;

Gene ID

54578

mRNA Refseq

NM_001072

Protein Refseq

NP_001063

MIM

606431

UniProt ID

P19224

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