

## Recombinant Human UGT1A6 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UGT1A6 protein(176-488 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	176-488 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	CSLEHTFSRSPDPVSYIPRCYTKFSDHMTFSQRVANFLVNLLPEYLFYCLFSKYEELA SAVLKRDVDIITLYQKVS VWLLRYDFVLEYP RPVMPNMVF IGGINCKKRKDL SQEFEA YINASGEHGIVV FSLGSMVSEIPEKKAMATADALGKIPQTVLWRYTGTRPSNLANNTI LVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQMDNAKRME TKGAGVTLNVLEMTSEDLENALKAVINDKSYKENIMR LSSLHKDRPVEPLDLAVFWV EFVMRHKGAPHLRPA AHDLTWYQYHSL
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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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