Recombinant Human UGT1A9 protein, His-tagged

Cat. No. UGT1A9-160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGT1A9 protein(33-377 aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-377 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MDGSHWFTMRSVVEKLILRGHEVVVVMPEVSWQLGRSLNCTVKTYSTSYTLEDLD REFKAFAHAQWKAQVRSIYSLLMGSYNDIFDLFFSNCRSLFKDKKLVEYLKESSFDA VFLDPFDNCGLIVAKYFSLPSVVFARGILCHYLEEGAQCPAPLSYVPRILLGFSDAMT FKERVRNHIMHLEEHLLCHRFFKNALEIASEILQTPVTEYDLYSHTSIWLLRTDFVLDY PKPVMPNMIFIGGINCHQGKPLPMEFEAYINASGEHGIVVFSLGSMVSEIPEKKAMAI ADALGKIPQTVLWRYTGTRPSNLANNTILVKWLPQNDLLGHPMTRAFITHAGSHGVY E
Purity	85%, 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 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	UGT1A9 UDP glucuronosyltransferase 1 family, polypeptide A9 [Homo sapiens (human)]
Official Symbol	UGT1A9
Synonyms	UGT1A9; UDP glucuronosyltransferase 1 family, polypeptide A9; LUGP4; UDPGT; UGT1I; HLUGP4; UGT-1I; UGT1-9; UGT1.9; UGT1AI; UGT1-09; UDPGT 1-9; UDP-glucuronosyltransferase 1-9; UDP glycosyltransferase 1 family, polypeptide A9; UDP-glucuronosyltransferase 1-I; UDP-glucuronosyltransferase 1A9; NP_066307.1; EC 2.4.1.17
Gene ID	54600
mRNA Refseq	NM_021027
Protein Refseq	NP_066307
MIM	606434
UniProt ID	O60656

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