

Recombinant Full Length Human Udp-Glucuronosyltransferase 1-3(Ugt1A3) Protein, His-Tagged

Cat. No. RFL8549HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human UDP-glucuronosyltransferase 1-3(UGT1A3) Protein (P35503) (29-534aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (29-534)
Form	Lyophilized powder
AA Sequence	GKVLVVPIDGSHWLSMREVLRELHARGHQAVVLTPEVNMHIKEENFFTLTTYAISWT QDEFDRHVLGHTQLYFETEHFLKKFFRSMAMLNMSLVYHRSCVELLHNEALIRHLN ATSFDEVLTDPVNLCAAVLAKYLSIPTVFFLRNIPCDLDFKGTQCPNPSSYIPRLTTN SDHMTFMQRVKNMLYPLALSYICHAFSAPYASLASELFQREVSVVDILSHASVWLFR GDFVMDYPRPIMPNMVFIGGINCANRKPLSQEFEAYINASGEHGIVVFSLGSMVSEIP EKKAMAIADALGKIPQTVLWRYTGTRPSNLNNTILVKWLPQNDLLGHPMTRAFITHA GSHGVYESICNGVPMVMMPLFGDQMDNAKRMETKGAGVTLNVLEMTSEDLENALK AVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVEFVMRHKGAPHLRPAAHDLTWY QYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAHKSKTH
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	UGT1A3
Synonyms	UGT1A3; GNT1; UGT1; UDP-glucuronosyltransferase 1A3; UGT1A3; UDP-glucuronosyltransferase 1-3; UDPGT 1-3; UGT1*3; UGT1-03; UGT1.3; UDP-glucuronosyltransferase 1-C; UGT-1C; UGT1C; UDP-glucuronosyltransferase 1A isoform 3
UniProt ID	P35503