

Recombinant Full Length Rat Udp-Glucuronosyltransferase 1-8(Ugt1) Protein, His-Tagged

Cat. No. RFL34729RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat UDP-glucuronosyltransferase 1-8(Ugt1) Protein (Q64634) (26-530aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-530)
Form	Lyophilized powder
AA Sequence	GRLLVVPMDGSHWFTMQMIVEKLSHRGHEVVVVIPEVSWHMGKSLNFTVKLLLVLN TLED LNYHFKFFAHNQWKTQEVGMFSLKHSGKGFFELLFSHCRSLFKDKKLVEYL KQSSFDAV FLDPFDVCGILAKYFSLPSVVFSGGIFCHYLDEGAQCPSPPSYVPRILS KFTDTMTFKE RVWNHLSYMKERAFCPYFFKTAVEIASEVLQTPVTMRDLFSPVSIW MFRTDFVLEFPRPM MPNMVYIGGINCHQGKPLSKEFEAYVNASGEHGIVVFSLGSM VSEIPEKKAMEIAEALGR IPQTLLWRYTGTRPSNLAKNTILVKWLPQNDLLGHPKAR AFITHSGSHGIYEGICNGVPM VMPLFGDQMDNAKRMETRGAGVTNLNLEMTADD LENALKTVINNKSYPKENIMRLSSLHK DRPIEPLDLAVFWVEYVMRHKGAPHLRPAAH DLTWYQYHSLDVIGFLLAIVLTVVFIVYK SCAYGCRKCFGGKGRVKKSHKSKTH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	Ugt1a8
Synonyms	Ugt1a8; Ugt1; UDP-glucuronosyltransferase 1A8; UGT1A8; A3; UDP-glucuronosyltransferase 1-8; UDPGT 1-8; UGT1*8; UGT1-08; UGT1.8
UniProt ID	Q64634