

Recombinant Full Length Rat Udp-Glucuronosyltransferase 1-2(Ugt1) Protein, His-Tagged

Cat. No. RFL14948RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat UDP-glucuronosyltransferase 1-2(Ugt1) Protein (P20720) (28-533aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-533)
Form	Lyophilized powder
AA Sequence	GKVLVFPMEGSHWLSMRDVVRELHARGHQAVVLAPEVTVHMKGEDFFTLQTYAFP YTKEE YQREILGNAKKGFEPQHFKVKTFFETMASIKKFFDLYANSCAALLHNKTLIQQL NSSFVDV VLTDVPVPCGALLAKYLQIPAVFFLRVPCGIDYEATQCPKPSSYIPNLLT MLSDHMTFL QRVKNMLYPLTLKYICHLSTPYESLASSELLQREMSLVEVLSHASVWL FRGDFVFDYPRP IMPNMVFIGGINCVIKKPLSQEFEAYVNASGEHGIVVFSLGSMVS EIKEKKAMEIAEALG RIPQTLLWRYTGTRPSNLAKNTILVKWLPQNDLLGHPKARAFI THSGSHGIYEGICNGVP MVMMPLFGDQMDNAKRMETRGAGVTLNVLEMTADDLE NALKTVINNKSYPKENIMRLSSLH KDRPIEPLDLAVFWVEYVMRHKGAPHLRPAAHDL TWYQYHSLDVIGFLLAIVLTVVFIVY KSCAYGCRKCFGGKGRVKKSHKSKTH
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	Ugt1a2
Synonyms	Ugt1a2; Ugt1; UDP-glucuronosyltransferase 1-2; UDPGT 1-2; UGT1*2; UGT1-02; UGT1.2; B2; Bilirubin-specific UDPGT; UDP-glucuronosyltransferase 1A2; UGT1A2
UniProt ID	P20720