

Recombinant Human UGT3A2 Protein Product Manual

1. Product Basic Information

Product No.: REP08601

Protein Name: Udp-Glucuronosyltransferase 3A2 (UGT3A2)

Aliases: UDPGT 3A2; UDP-glucuronosyltransferase 3A2; UDP glycosyltransferase family 3 member A2; UDP glycosyltransferase 3 family, polypeptide A2

UniProt ID: Q3SY77

UniProt Link: <https://www.uniprot.org/uniprotkb/Q3SY77/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (23-483aa)

Molecular Weight: 59.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (23-483aa)

AKILTISTVGGSHYLLMDRVSQILQDHGHNVTMLNHNKRGPFMPDFKKEEKSYQVIS
WLAPEDHQREFKKSFDFFLEETLGGRGKFENLLNVLEYLALQCSHFLNRKDIMDSL
KNENFDMVIVETFDYCPFLIAEKLKGPVAILSTSFSGSLEFGLPIPLSYVPVFRSLLTD
HMDFWGRVKNFLMFFSFCRRQQHMQSTFDNTIKEHFTEGSRPVLSHLLLKAELWFI
NSDFAFDFAFARPLLNTVYVGGLMEKPIKPVPQDLENFIAKFGDSGFVLVTLGSMVNT
CQNPEIFKEMNNAFAHLPQGVWKCQCASHWPKDVHLAANVKIVDWLPQSDLLAHP
SIRLFVTHGGQNSIMEAIQHGVPVGIPLFGDQPENMVRVEAKKFGVSIQLKKLKAE
TLALKMKQIMEDKRYKSAAVAASVILRSHPLSPTQRLVGWIDHVLQTGGATHLKPVV
FQQPWHEQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human UGT3A2 partial protein (23-483aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. UGT3A2, also known as UDPGT 3A2 or UDP-glucuronosyltransferase 3A2 or UDP glycosyltransferase family 3 member A2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.