

Recombinant Rat UGT2B7 Protein Product Manual

1. Product Basic Information

Product No.: REP08600

Protein Name: Udpgh-Udpgt 2B7 (UGT2B7)

Aliases: UGT2B9; UDPGTH2; UDPGT2B7; UDPGTh-UDPGT 2B7; UDPGT 2B9; 3,4-catechol estrogen specific; UDP-glucuronosyltransferase 2B7; UDP-glucuronosyltransferase 2B9; 3,4-catechol estrogen-specific UDPGT

UniProt ID: P16662

UniProt Link: <https://www.uniprot.org/uniprotkb/P16662/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Partial (18-495aa)

Molecular Weight: 61.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (18-495aa)

FRSGNCGKVLVWPLEYSHWMNLKIILDELVQRGHEVTVLRPSSSVSLDPKKASGLV
YETSPTTSNNDVEVEKSFYPVGDWMTYDVPKYTCLRYYP SLNKMFGQFSDLWLQLC
REVVSNKELIAKLKESQFDVVLSDAVGPCGELIAEILQLPFVYSLRFATAPGIEKYSA
GQPFPPSYVPIILSGFSGQMTFMERVENMLCLLYFDSWFESFPAKDWD PFFSEILG
RPTTMVDTMKKA EIWLIRSYWDLEFPRPSLPNIEFVGG LHCQPAKPLPKEMEDFAQ
SSGEHGVVWFSLGSMIRNITQERANTIASALAQIPQKVFWRFEGKKPDTLGPNTRV
FKWIPQNDLLGHPKTKAFVTHGGANGIYESIHYGIPPMVG IPLFAEQRDNVAHMQAK
GAAVSIDFHTMSSDLLNALKAVINNP SYKKKVMWLSAIHHDQPLKPLDRAVFWIEF
VMRHKGAKHLRPLAHLNLALVSVHSLDV

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



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 Rat UGT2B7 partial protein (18-495aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. UGT2B7, also known as UGT2B9 or UDPGTH2 or UDPGT2B7, 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.