

Recombinant Human UGGT1 protein, GST-tagged

Cat. No. UGGT1-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGGT1 protein(1221-1531 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1221-1531 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	TEEVKQDKDDIINIFSVASGHLYERFLRIMMLSVLKNTKTPVKFWFLKNYLSPTFKEFI PYMANEYNFQYELVQYKWPRWLHQQTEKQRIIWGYKILFLDVLFPPLVVDKFLFVDAD QIVRTDLKELRDFNLDGAPYGYTPFCDSRREMDGYRFWKSGYWASHLAGRKYHIS ALYVVDLKKFRKIAAGDRLRGQYQGLSQDPNSLSNLDQDLPNNMIHQVPIKSLPQE WLWCETWCDDASKKRAKTIDLCNNPMTKEPKLEAAVRIVPEWQDYDQEIKQLQIRF QKEKETGALYKEKTKEPSREGPQKREEL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [UGGT1 UDP-glucose glycoprotein glucosyltransferase 1 \[Homo sapiens \]](#)

Official Symbol [UGGT1](#)

Synonyms

UGGT1; UDP-glucose glycoprotein glucosyltransferase 1; UDP glucose ceramide glucosyltransferase like 1 , UGCGL1; UDP-glucose:glycoprotein glucosyltransferase 1; HUGT1; UDP--Glc:glycoprotein glucosyltransferase; UDP-glucose ceramide glucosyltransferase-like 1; UGT1; UGCGL1; FLJ21763; FLJ23671; FLJ23796;

Gene ID [56886](#)

mRNA Refseq [NM_020120](#)

Protein Refseq [NP_064505](#)

MIM [605897](#)

UniProt ID [Q9NYU2](#)

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SDS-PAGE



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