

Recombinant Human UGGT1 protein, His & T7-tagged

Cat. No. UGGT1-1651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UGGT1 aa. (Leu1221~Leu1536 (Accession # Q9NYU2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu1221~Leu1536
Description	UDP-glucose:glycoprotein glucosyltransferase (UGT) is a soluble protein of the endoplasmic reticulum (ER) that selectively reglucosylates unfolded glycoproteins, thus providing quality control for protein transport out of the ER.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	7.8

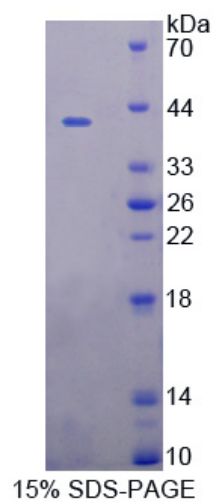
GENE INFORMATION

Gene Name	UGGT1 UDP-glucose glycoprotein glucosyltransferase 1 [Homo sapiens (human)]
Official Symbol	UGGT1
Synonyms	UGGT1; UDP-glucose glycoprotein glucosyltransferase 1; UGT1; HUGT1; UGCGL1; UDP-glucose:glycoprotein glucosyltransferase 1; UDP--Glc:glycoprotein glucosyltransferase; UDP-glucose ceramide glucosyltransferase-like 1
Gene ID	56886
mRNA Refseq	NM_020120.3
Protein Refseq	NP_064505.1
UniProt ID	Q9NYU2

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SDS-PAGE

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