

## Product Information

### MemDX™ Membrane Protein Human UGT3A1 (UDP glycosyltransferase family 3 member A1) for Antibody Discovery

Cat. No.: **MP0448J**

This product is for research use only and is not intended for diagnostic use.

This product is a 59 kDa Human UGT3A1 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

UGT3A1

##### Protein Length

Full-length

##### Protein Class

Transmembrane

##### Molecular Weight

59 kDa

##### TMD

1

##### Sequence

MVGQRVLLLVAFLLSGVLLSEAAKILTISTLGGSHYLLLDREVSQLQEHGHNVTMLHQSGKFLIPDKEE  
EKSYQVIRWFSPEDHQKRIKKHFDYSIETALDGRKESEALVKLMEIFGTQCSYLLSRKDIMDSLKNENYD  
LVFVEAFDFCSFLIAEKLVPFVAILPTTFGSLDFGLPSPLSYVPVPSLLTDHMDFWGRVKNFLMFFSF  
SRSQWDMQSTFDNTIKEHFPEGSRPVLSHLLKAELWVFNDFAFDFARPLLNTVYIGGLMEKPIKPVP  
QDLDNFIANFGDAGFVLVAFGSMLNTHQSQEVLLKMHNAFAHLPQGVIWTCQSSHWPRDVHLATNVKIVD  
WLPQSDLLAHPISIRLFVTHGGQNSVMEAIRHGVPVGLPVNGDQHGNNMVRVAKNYGVSIRLNQVTADTL  
TLTMKQVIEDKRYKSAVVAASVILHSQPLSPAQRVLVGWIDHILQTGGATHLKPFAFQQPWHEQYLIDVFV  
FLLGLTLGTMWLCGKLLGVVARWLRGARKVKKT

#### Product Description

##### Expression Systems

HEK293T

##### Tag

C-Myc/DDK

**Form**

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

UGT3A1

**Full Name**

UDP glycosyltransferase family 3 member A1

**Introduction**

UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds (By similarity).

**Alternative Names**

FLJ26528; FLJ34658

**Gene ID**

[133688](#)

**UniProt ID**

[Q6NUS8](#)