

# Product Information

## MemDX™ Membrane Protein Human HSD17B13 (Hydroxysteroid 17-beta dehydrogenase 13)

Cat. No.: **MP0008J**

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

This product is a 33.5 kDa Human HSD17B13 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

HSD17B13

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, Secreted Protein, Transmembrane

#### Molecular Weight

33.5 kDa

#### TMD

1

#### Sequence

MNIILEILLITIIYSYLESLVKFFIPQRRKSVAGEIVLITGAGHGIGRQTTYEFAKRQSILVLWDINK  
RGVEETAAECRKLGVTAHAYVVDCSNREEIYRSLNQVKKEVGDTVIVVNNAGTVYPADLLSTKDEEITKT  
FEVNILGHFWITKALLPSMMERNHGHIVTVASVCGHEGIPYLIPYCSSKFAAVGFHRGLTSELQALGKTG  
IKTSCLCPVFVNTGFTKNPSTRLWPVLETDEVVRSLIDGILTNNKMIFVPSYINIFLRLQKFLPERASAI  
LNRMQNIQFEAVVGHKIKMK

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Powder

**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**

HSD17B13

**Full Name**

Hydroxysteroid 17-beta dehydrogenase 13

**Introduction**

17 $\beta$ -Hydroxysteroid dehydrogenase type 13, also known as 17 $\beta$ -HSD type 13, is an enzyme that in humans is encoded by the HSD17B13 gene. Highly expressed in the liver. Also detected in ovary, bone marrow, kidney, brain, lung, skeletal muscle, bladder and testis. 17 $\beta$ -HSD13 is significantly up-regulated in the liver of patients with non-alcoholic fatty liver disease (NAFLD) and enhances lipogenesis.

**Alternative Names**

SCDR9; NIIL497; SDR16C3; HMFN0376; 17-beta-hydroxysteroid dehydrogenase 13; 17-beta hydroxysteroid dehydrogenase; 17-beta-HSD 13; short chain dehydrogenase/reductase family 16C member 3; short-chain dehydrogenase/reductase 9

**Gene ID**

[345275](#)

**UniProt ID**

[Q7Z5P4](#)