

Product Information

MemDX™ Membrane Protein Human HSD17B13 (Hydroxysteroid 17-beta dehydrogenase 13) for Antibody Discovery

Cat. No.: **MP1088J**

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

This product is a 36.8KDa 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

36.8KDa

TMD

1

Sequence

MNIILEILLITIIYSYLESLVKFFIPQRRKSVAGEIVLITGAGHGIGRQTTYEFAKRQSSILVLWDINK
RGVEETAACERKLGVTAHAYVVDCSNREEIYRSLNQVKKEVGDTVIVVNNAGTVYPADLLSTKDEEITKT
FEVNILGHFWITKALLPSMMERNHGHIVTVASVCGHEGIPYLIPYCSSKFAAVGFHRGLTSELQALGKTG
IKTSCLCVPVNTGFTKNPSTRLWPVLETDEVVRSLIDGILTNNKMIFVPSYINIFLRLQKFLPERASAI
LNRMQNIQFEAVVGHKIKMK

Product Description

Expression Systems

HEK293T

Tag

C-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**

HSD17B13

Full Name

Hydroxysteroid 17-beta dehydrogenase 13

Introduction

17 β -Hydroxysteroid dehydrogenase type 13, also known as 17 β -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 β -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](#)