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Product Information

MemDX™ Membrane Protein Human HSD17B2 (Hydroxysteroid 17-beta dehydrogenase 2) for Antibody Discovery

Cat. No.: **MP0601J**
This product is for research use only and is not intended for diagnostic use.

This product is a 42.6 kDa Human HSD17B2 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
HSD17B2

Protein Length
Full-length

Protein Class
Druggable Genome, Transmembrane

Molecular Weight
42.6 kDa

TMD
1

Sequence
MSTFFSDTAWICLAVPTVLCGTVFCKYKKSSGQLWSWMVCLAGLCAVCLLILSPFWGLILFSVSCFLMYT
YLSGQELLPVDQKAVLVTGGDCGLGHALCKYLDELGFTVFAGVLNENGPGAEELRRTCSPRLSVLQMDIT
KPVQIKDAYSKVAAMLQDRGLWAVINNAGVLGFPTDGELLLMTDYKQCMAVNFFGTVEVTKTFLPLLRKS
KGRLVNVSSMGGGAPMERLASYGSSKAAVTMFSSVMRLELSKWGIKVASIQPGGFLTNIAGTSDKWEKLE
KDILDHLPAEVQEDYGQDYILAQRNFLLLINSLASKDFSPVLRDIQHAILAKSPFAYYTPGKGAYLWICL
AHYLPIGIYDYFAKRHFGQDKPMPRALRMPNYKKKAT

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

HSD17B2

Full Name

Hydroxysteroid 17-beta dehydrogenase 2

Introduction

Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH.

Alternative Names

HSD17; SDR9C2; EDH17B2

Gene ID

3294

UniProt ID

P37059