

Product Information

MemDX™ Membrane Protein Human HSD17B3 (Hydroxysteroid 17-beta dehydrogenase 3) for Antibody Discovery

Cat. No.: **MP0733J**

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

This product is a 34.3 kDa Human HSD17B3 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

HSD17B3

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

34.3 kDa

Sequence

MGDVLEQFFILTGLLVCLACLAKCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAGDGIGKAYSFELAK
RGLNVVLISRTLEKLEAIAIEIERTTGRSVKIIQADFTKDDIYEHKEKLAGLEIGILVNNVGMLPNLLP
SHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQKGLILNISSGIALFPWPLYSMYSASKAFVCAFSK
ALQEEYKAKEVVIQVLTPYAVSTAMTKYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEILAGFLSL
IPAWAFYSGAFQRLLLTHYVAYLKLNTKVR

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**

HSD17B3

Full Name

Hydroxysteroid 17-beta dehydrogenase 3

Introduction

This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia.

Alternative Names

EDH17B3; SDR12C2

Gene ID

[3293](#)

UniProt ID

[P37058](#)