

## Product datasheet for **TP304701M**

### **HSD17B6 (NM\_003725) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) (HSD17B6), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC204701 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MWLYLAAAFVGLYLLHWYRERQVWSHLQDKYVITGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR  
GQTSDRLETVTLDVDTKMESIAAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMNMLKVNLI  
VIQVTL SMLPLVRRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR  
TGMTNMTQSLERMKQSWKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR  
YSAGWDAKFFFIPLSYLPTSLADYILTRSWPKPAQAV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 35.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_003716](#)

**Locus ID:** 8630



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UniProt ID: [O14756](#), [A0A024RB43](#)

RefSeq Size: 1629

Cytogenetics: 12q13.3

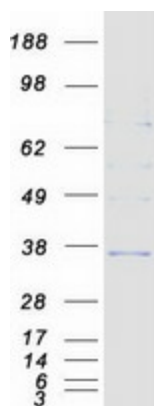
RefSeq ORF: 951

Synonyms: HSE; RODH; SDR9C6

**Summary:** The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD<sup>+</sup> as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. [provided by RefSeq, Aug 2013]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified HSD17B6 protein (Cat# [TP304701]). The protein was produced from HEK293T cells transfected with HSD17B6 cDNA clone (Cat# [RC204701]) using MegaTran 2.0 (Cat# [TT210002]).