

Product datasheet for **TP304701**

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), 20 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
TGMTNMTQSLERMKQSWKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCEHALTSVHPRTR
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⁺ 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]).