

Product datasheet for TP304701L

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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204701 protein sequence Red =Cloning site Green =Tags(s) MWLYLAAFVGLYYLLHWYRERQVSHLQDKYVFITGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMNMLKVNLI G VIQVTLTMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQSWKEAPKHIKETYGQQYFDALYNIMKEGLNCSTNLNLVTDCEHALTSVHPR TR 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.


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RefSeq: NP_003716

Locus ID: 8630

UniProt ID: O14756

RefSeq Size: 1629

Cytogenetics: 12q13.3

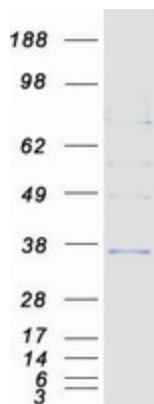
RefSeq ORF: 951

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]).