OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC201842

HSD17B8 (NM_014234) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HSD17B8 (NM_014234) Human 3' UTR Clone
Symbol:	HSD17B8
Synonyms:	D6S2245E; dJ1033B10.9; FABG; FABGL; H2-KE6; HKE6; KE6; RING2; SDR30C1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014234
Insert Size:	202 bp
Insert Sequence:	>SC201842 3' UTR clone of NM_014234 The sequence shown below is from the reference sequence of NM_014234. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC GGAAGTCACTGGAGGTCTTTTCATGTAACTGCCTCAAGGACCCTGGACTCTGCTCACCCCCCCACCACTC TGCCTGGCCTCCTGCTGATGAGGACTCTAAGTTCCCAGGATACAAAAGGGGTGGCAGTGTATGGTTCAGG AATGCTGAATATGGGAAGCAGGGGTGCTTGTGACCCTAATAAATTCCAAGTCCTCTTCCCTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_014234.3

View online »

Summary: In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. [provided by RefSeq, Jul 2008]

Locus ID: 7923