Recombinant Full Length Human HSD17B8 Protein, GST-tagged

Cat. No. HSD17B8-3881HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSD17B8 full-length ORF (NP_055049.1, 1 a.a. - 261 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	261 amino acids
Description	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
Molecular Mass	53.4 kDa
AA Sequence	MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLLG GPGSKEGPPRGNHAAFQADVSEARAARCLLEQVQACFSRPPSVVVSCAGITQDEFL LHMSEDDWDKVIAVNLKGTFLVTQAAAQALVSNGCRGSIINISSIVGKVGNVGQTNY AASKAGVIGLTQTAARELGRHGIRCNSVLPGFIATPMTQKVPQKVVDKITEMIPMGHL

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	GDPEDVADVVAFLASEDSGYITGTSVEVTGGLFM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HSD17B8 hydroxysteroid (17-beta) dehydrogenase 8 [Homo sapiens]
Official Symbol	HSD17B8
Synonyms	HSD17B8; hydroxysteroid (17-beta) dehydrogenase 8; FabG (beta ketoacyl [acyl carrier protein] reductase, E coli) like (E. coli) , FABGL; estradiol 17-beta-dehydrogenase 8; D6S2245E; H2 KE6; HKE6; KE6; RING2; SDR30C1; short chain dehydrogenase/reductase family 30C; member 1; ke-6; protein Ke6; 17-beta-HSD 8; estrogen 17-oxidoreductase; testosterone 17-beta-dehydrogenase 8; really interesting new gene 2 protein; 17-beta-hydroxysteroid dehydrogenase 8; 3-oxoacyl-[acyl-carrier-protein] reductase; short chain dehydrogenase/reductase family 30C, member 1; FABG; FABGL; H2-KE6; dJ1033B10.9;
Gene ID	7923
mRNA Refseq	NM_014234

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Protein Refseq	NP_055049
MIM	601417
UniProt ID	Q92506

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