Recombinant Full Length Human HSD17B8 Protein, C-Flag-tagged

Cat. No. HSD17B8-1069HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSD17B8 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.8 kDa
AA Sequence	MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLLG GPGSKEGPPRGNHA AFQADVSEARAARCLLEQVQACFSRPPSVVVSCAGITQDEF LLHMSEDDWDKVIAVNLKGTFLVTQAAAQ ALVSNGCRGSIINISSIVGKVGNVGQTN YAASKAGVIGLTQTAARELGRHGIRCNSVLPGFIATPMTQKV

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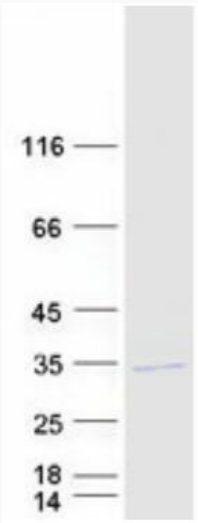
	PQKVVDKITEMIPMGHLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLFMTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Androgen and estrogen metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	HSD17B8 hydroxysteroid 17-beta dehydrogenase 8 [Homo sapiens (human)]
Official Symbol	HSD17B8
Synonyms	KE6; FABG; HKE6; FABGL; RING2; H2-KE6; SDR30C1; D6S2245E; dJ1033B10.9
Gene ID	7923

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mRNA Refseq	NM_014234.5
Protein Refseq	NP_055049.1
MIM	601417
UniProt ID	Q92506



Coomassie blue staining of purified HSD17B8 protein.

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