

Product datasheet for **TP303806M**

HSD17B8 (NM_014234) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hydroxysteroid (17-beta) dehydrogenase 8 (HSD17B8), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203806 protein sequence Red =Cloning site Green =Tags(s)

MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLGGPGSKEGPPRGNHA
AFQADVSEARAARCLLEQVQACFSRPPSVVWSCAGITQDEFLHMSEDDWDKVIANLKGTFLVTQAAAQ
ALVSNCGRGSIIINISSIVGKVGNGVQTNYAASKAGVIGLTQTAARELGRHGIRCNSVLPGFATPMTQKV
PQKVVDKITEMIPMGHLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLFM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26.8 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_055049
Locus ID:	7923
UniProt ID:	Q92506 , A0A1U9X7U3



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RefSeq Size: 1002

Cytogenetics: 6p21.32

RefSeq ORF: 783

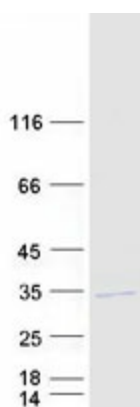
Synonyms: D6S2245E; dJ1033B10.9; FABG; FABGL; H2-KE6; HKE6; KE6; RING2; SDR30C1

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]

Protein Families: Druggable Genome

Protein Pathways: Androgen and estrogen metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified HSD17B8 protein (Cat# [TP303806]). The protein was produced from HEK293T cells transfected with HSD17B8 cDNA clone (Cat# [RC203806]) using MegaTran 2.0 (Cat# [TT210002]).