

Product datasheet for PH303806

HSD17B8 (NM_014234) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSD17B8 MS Standard C13 and N15-labeled recombinant protein (NP_055049)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203806
Predicted MW:	27 kDa
Protein Sequence:	>RC203806 protein sequence Red=Cloning site Green=Tags(s) MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLLGPGSKEGPPRGNHA AFQADVSEARAARCLLEQVQACFSRPPSVVYSCAGITQDEFLLHMSEDDWDKVI AVNLKGTFLVTQAAAQ ALVSNCGRGSIIINISSIVGKVGNVGQTNYAASKAGVIGLTQTAARELGRHGIRCNSVLPGFIATPMTQKV PQKVVDKITEMIPMGLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLFM TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055049
RefSeq Size:	1002
RefSeq ORF:	783
Synonyms:	D6S2245E; dj1033B10.9; FABG; FABGL; H2-KE6; HKE6; KE6; RING2; SDR30C1
Locus ID:	7923
UniProt ID:	Q92506 , A0A1U9X7U3



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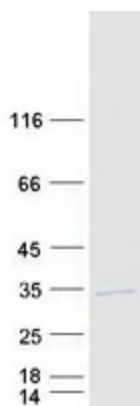
Cytogenetics: 6p21.32

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]).