

Product datasheet for PH303293

HSD17B2 (NM_002153) Human Mass Spec Standard

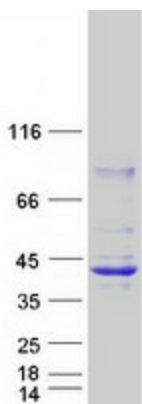
Product data:

Product Type:	Mass Spec Standards
Description:	HSD17B2 MS Standard C13 and N15-labeled recombinant protein (NP_002144)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203293
Predicted MW:	42.8 kDa
Protein Sequence:	>RC203293 protein sequence Red=Cloning site Green=Tags(s)
	MSTFFSDTAWICLAVPTVLCGTVFCKYKKSSGQLWSWMVCLAGLCAVCLLILSPFWGLILFSVSCFLMYT YLSGQELLPVDQKAVLVTGGDCGLGHALCKYLDELGFTVFAGVLNENGPAAEELRRTCSPLSVLQMDIT KPVQIKDAYSKVAAMLQDRGLWAVINNAGVLGFPTDGELLLMTDYKQCMAYNFFGTVEVTKTFLPLLRKS KGRLVNVSSMGGGAPMERLASYGSSKAAYTMFSSVMRLELSKWGIKVASIQPGGFLTNIAGTSDKWEKLE KDILDHLP AEVQEDYGDYILAQRNLLLLINSLASKDFSPVLRDIQHAILAKSPFAYYTPGKGAYLWICL AHYLP IGIYDYFAKRHF GQDKPMPRALRMPNYKKKAT
	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_002144
RefSeq Size:	1451
RefSeq ORF:	1161
Synonyms:	EDH17B2; HSD17; SDR9C2
Locus ID:	3294



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UniProt ID:	P37059
Cytogenetics:	16q23.3
Summary:	Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Androgen and estrogen metabolism, Metabolic pathways

Product images:

Coomassie blue staining of purified HSD17B2 protein (Cat# [TP303293]). The protein was produced from HEK293T cells transfected with HSD17B2 cDNA clone (Cat# [RC203293]) using MegaTran 2.0 (Cat# [TT210002]).