

Product datasheet for PH304701

HSD17B6 (NM_003725) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSD17B6 MS Standard C13 and N15-labeled recombinant protein (NP_003716)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204701
Predicted MW:	36 kDa
Protein Sequence:	>RC204701 protein sequence Red =Cloning site Green =Tags(s)

MWLYLAAFVGLYYLLHWYRERQVVSHLQDKYVFTGCDSGFGNLLARQLDAGRLRVLAACLTEKGAEQLR
 GQTSRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMNMLKVNLI
 VIQVTLTMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFQVGVKISIVEPGYFR
 TGMTNMTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCEHALTSVHPRTR
 YSAGWDAKFFFIPLSYLPTSLADYILTRSWPKPAQAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_003716</u>
RefSeq Size:	1629
RefSeq ORF:	951
Synonyms:	HSE; RODH; SDR9C6
Locus ID:	8630


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UniProt ID: [O14756](#), [A0A024RB43](#)

Cytogenetics: 12q13.3

Summary: The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD⁺ as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. [provided by RefSeq, Aug 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified HSD17B6 protein (Cat# [TP304701]). The protein was produced from HEK293T cells transfected with HSD17B6 cDNA clone (Cat# [RC204701]) using MegaTran 2.0 (Cat# [TT210002]).