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Product datasheet for PH304701

HSD17B6 (NM_003725) Human Mass Spec Standard

Product data:

Description:HSD17B6 MS Standard C13 and N15-labeled recombinant protein (NP_003716)Species:HumanExpression Host:HEK293Expression cDNA Cloop or AA Sequence:Rc204701Predicted MW:36 kbaProtein Sequence:Rc204701 protein sequence Rcd=Cloning site Green=Tags(S)Mult/LAFVGLVYLLHWYRERQVYSHLQNKYVF1TGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWYKEHVGDRGLWGLVNNAGILTPTITLCEWLNTEDSMMMLKVNLIG VIQTTSMLPLVRRARGRIVWSEHLQNKYVF1TGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWYKEHVGDRGLWGLVNNAGILTPTITLCEWLNTEDSMMMLKVNLIG VIQTTSMLPLVRRARGRIVWSEHLQNKYVF1TGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWYKEHVGDRGLWGLVNNAGILTPTITLCEWLNTEDSMMMLKVNLIG VIQTTSMLPLVRRARGRIVWSEHLQNKYPFVGGVCSNVC4ErSDILRRETQHFGWKISITVEPGYFR TGMTMTYGLERMKQMKEKARKHIKETYGQCYPOLVTIMKEGLLNCSTNLNLVTDOMEHALTSVHPRTR VSAGWDKFFFFIPLSVLPTSLADVILTRSWPKPAQAVTag:C-Myc/DDKTag:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:80% as determined by SDS-PAGE and Coomassie blue stainingStorage:S1% DM Tris-HCI, 100 mM glycine, PH 7.3Storage:S1% DM Tris-HCI, 100 mM glycine, PH 7.3Storage:S1% DM Tris-HCI, 100 mM glycine, PH 7.3Storage:S1% DA SIG AT SIGN From receipt of products under proper storage and handling conditionsRefseq:NP_003716Refseq:S1% DD SIGN From receipt of products under proper storage and handling conditionsRefseq:NF_003716Refseq:S1% DD SIN SIGN From receipt of products under proper storage and handling conditionsRefseq:NF_003716Refseq:S1% DD S	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression cDNA CloneRC204701Predicted MW:36 kDaProtein Sequence:Rc204701 protein sequence Red=Cloning site Green=Tags(s)WirtyLAAFVGLYVLLHWYRERQVSHLQKVYFITCDSSGFOLLAQUDARGLRVLAACLTEGGADURAGURAGURAGURAGURAGURAGURAGURAGURAGURAG	Description:	HSD17B6 MS Standard C13 and N15-labeled recombinant protein (NP_003716)
Expression CDNA CloneRC204701Predicted MW:3 k DaProtein Sequence:RC204701 protein sequence Red=Cloning site Green=Tags(s)Will VLAAFVGL YVLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVLDVTKMESIZAATQWKEHVGDRGLWGLVMAKGLTPTITLCEWLNTEDSMMMLKVNLIG VIQVLSMLPVVRRARGRIVNSSLIGRVAFVGQVCSALVGQVFASULTRSUPHOFKSIJIRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQSWKEAPKHIKETYQQVFDALVNIMKEGILNCSTNLNLVTDCMHALTSVHPRTR VSAGWDAKFFFIPLSYLPTSLADVILTRSWPKPAQAVTag:C-Myc/DDKTag:C-Myc/DDKPurity:S00 sa determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodBuffer:S00 mit full 13C6, 15N4}-LArginine and [U-13C6, 15N2]-LLysineStorage:Store at 80°C. Avoid repeated freeze-thaw cycles.Storage:Store at 80°C. Avoid repeated freeze-thaw cycles.Stability:NP 003716RefSeq Size:1629RefSeq ORF:51Storage:51 <th>Species:</th> <th>Human</th>	Species:	Human
or AA Sequence:Predicted MW:6 kDaProtein Sequence: Red=Cloning site Green=Tags(s)WWLVLAAFVGLYYLLHWYRERQVYSHLQDKYVFITGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWKEHVCDRGLWGLWNAGLTPTLTCEWLNTEDSMMKLYNLIG GYTSDRLETVLDYTKMESIAAATQWKEHVCDRGLWGLWNAGLTPTLTCEWLNTEDSMMKLYNLIG SYAGWDAKFFFFLSYLPTSLADYILTRSWPKPAQAVTRTPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingGoncentration:0.05 µg/µL as determined by microplate BCA methodBuffer:Galed with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:Sim Arris-HCI, 100 mM glycine, pH 7.3Storage:Sim Arris-HCI, 100 mM glycine, pH 7.3Storage:NP 0033716Refseq Size:1629Refseq ORF:91Signorms:91 <th>Expression Host:</th> <th>HEK293</th>	Expression Host:	HEK293
Protein Sequence:ReC204701 protein sequence Red=Cloning site Green=Tags(s)WWLVLAAFVGLYVLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLDARGLRVLAACITEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMMMLKVNLIG VIQVTLSMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRRETQHFGVKISIVEPGYFR TGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNIKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YGMTNHTQSLERMKQSWKEAPKHIKETYGQYFDALYNSKEAPKHIKETYGGYCNSKYGVEAFSDILRETQHFGVKISIVEAPKONCTag:C-Myc/DKYGMTNYSOM AS determined by MICROPLAG BCA MEthODLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:Sorm Asoc Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:NP_003716StonoutingSiStonoutingSiStonouting	•	RC204701
Red=Cloning site Green=Tags(s)WWLYLAAFVGLYYLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLDARGLRVLAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNAAGLLTPITLCEWLNTEDSMNMLKVNLIG VIQVTLSMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQSWKEAPKHIKETVGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YSAGWDAKFFFIPLSYLPTSLADYILTRSWPKPAQAVTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 Size:1629RefSeq ORF:951Synonyms:HSE; RODH; SDR9C6	Predicted MW:	36 kDa
GQTSDRLETVTLDVTKMESIAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMNMLKVNLIG SVIQVTLSMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQSWKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YSAGWDAKFFFIPLSYLPTSLADVILTRSWPKPAQAVTag:C-Myc/DDKTag:C-Myc/DDKSolos as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage: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 003716RefSeq ORF:951Synonyms:HSE; RODH; SDR9C6	Protein Sequence:	
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Stora et a.80°C. Avoid repeated freeze-thaw cycles.Stability:Stabele for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 003716RefSeq ORF:91Storage:Sis prophysicalBig RoDH; SDR9C6		GQTSDRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNNAGILTPITLCEWLNTEDSMNMLKVNLIG VIQVTLSMLPLVRRARGRIVNVSSILGRVAFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQSWKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 003716RefSeq ORF:951Synonyms:HSE; RODH; SDR9C6		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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Synonyms: HSE; RODH; SDR9C6	RefSeq Size:	1629
	RefSeq ORF:	951
	Synonyms:	HSE; RODH; SDR9C6
Locus ID: 8630	Locus ID:	8630

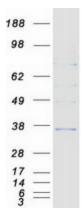


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	HSD17B6 (NM_003725) Human Mass Spec Standard – PH304701
UniProt ID:	<u>O14756</u> , <u>A0A024RB43</u>
Cytogenetics:	12q13.3
Summary:	The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. 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]).

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