

Product datasheet for TP302385L

OriGene Technologies, Inc.

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HSD17B12 (NM_016142) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human hydroxysteroid (17-beta) dehydrogenase 12

(HSD17B12), with C-terminal Myc/DDK tag, expressed in HEK293 cells, 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202385 representing NM_016142 or AA Sequence: Red=Cloning site Green=Tags(s)

MESALPAAGFLYWVGAGTVAYLALRISYSLFTALRVWGVGNEAGVGPGLGEWAVVTGSTDGIGKSYAEEL AKHGMKVVLISRSKDKLDQVSSEIKEKFKVETRTIAVDFASEDIYDKIKTGLAGLEIGILVNNVGMSYEY PEYFLDVPDLDNVIKKMININILSVCKMTQLVLPGMVERSKGAILNISSGSGMLPVPLLTIYSATKTFVD FFSQCLHEEYRSKGVFVQSVLPYFVATKLAKIRKPTLDKPSPETFVKSAIKTVGLQSRTNGYLIHALMGS

IISNLPSWIYLKIVMNMNKSTRAHYLKKTKKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.3 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

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 057226

 Locus ID:
 51144

 UniProt ID:
 Q53GQ0



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RefSeq Size: 2556 **Cytogenetics:** 11p11.2 936 RefSeq ORF:

Synonyms: KAR; SDR12C1

Summary: This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that

converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid

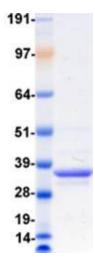
elongation. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Androgen and estrogen metabolism, Biosynthesis of unsaturated fatty acids, Metabolic

pathways

Product images:



Coomassie blue staining of purified HSD17B12 protein (Cat# [TP302385]). The protein was produced from HEK293T cells transfected with HSD17B12 cDNA clone (Cat# [RC202385]) using

MegaTran 2.0 (Cat# [TT210002]).