

Product datasheet for **TP302385M**

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, 100 µg

Species: Human

Expression Host: HEK293T

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

MESALPAAGFLYWVGAGTVAYLALRISYSLFTALRWVGWGNEAGVGPGLGEWAWVTGSTDGIGKSYAEEL
AKHGMKVVLSRSKDKLDQVSSEIKEKFKVETRTIAVDFASEDIYDKIKTGLAGLEIGILVNNVGMSEY
PEYFLDVPDLDNVIKKMININILSVCKMTQLVLPGMVERSKGAILNISSGSGMPLPVPLLIYSATKTFVD
FFSQCLHEEYRSKGVFVQSVLPYFVATKLAKIRKPTLDKPSPETFVKSIAIKTVGLQSRNTNGYLIHALMGS
IISNLPSTWYILKIVMNMNKSTRAHYLKKTKKN

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

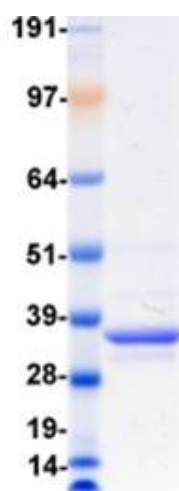
UniProt ID: [Q53GQ0](#)



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RefSeq Size:	2556
Cytogenetics:	11p11.2
RefSeq ORF:	936
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]).