

## Product datasheet for TP302385

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202385 representing NM_016142 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MESALPAAGFLYWVGAGTVAYLALRISYSLFTALRVWVGNEAGVGPGLGEWAVTGSTDGIGKSYAEEL  
AKHGMKVLIISRKDKLDQVSSEIKEKFKVETRTIAVDFASEDIYDKIKTGLAGLEIGILVNNVGMSEY  
PEYFLDVPDLDNVIKKMININILSVCKMTQLVLPGMVERSKGAILNISSGSGMLPVPLLIYSATKTFVD  
FFSQCLHEEYRSKGVFVQSVLPYFVATKLAKIRKPTLDKPSFVKSIAIKTVGLQSRNGLYLIHALMGS  
IISNLPWIYKIVMNMNKSTRAHYLKTKTKN

**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:	<a href="#">NP_057226</a>
Locus ID:	51144
UniProt ID:	<a href="#">Q53GQ0</a>



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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]).